



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments



LAPA MASTER INDUSTRY

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LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

About Us

History

Serving more than 100 years in the field of Surgical, Dental, Manicure & Pedicure Implements, Veterinary and Jewelry Tools etc. Our grandfather was the pioneer who laid down the founding tone of the manufacturing of surgical instruments in Pakistan since 1908. This is our family business and we are the 3rd generation in this field.

Introduction

Lapa Master Industry was established in 2014 the company has, since the start, developed a stable and steady growth. The company success though, is due to the support of health authorities which have recognized our compromised to quality and punctuality.

Our Philosophy

Our philosophy is to share our knowledge and experience with our customers and give them all the professional assistance they might need.

Company Policy

Lapa Master Industry shall not compromise on quality of the products. We shall achieve quality excellence by using quality assurance programs and techniques. Prompt and dedicated services shall be ensured to customers and efficiently to the best of our ability.

Our Commitment

Our commitment to quality, based on our continuous monitoring at every stage of the manufacturing process has placed us at par with international standards, while maintaining very competitive prices.

Quality Management System

Lapa Master Industry manufacturing process emphasizes quality above all else. Our employees are having a ten to fifteen-years technical and practical experience in order to achieve, international standards. The proper stainless steel, stamping and forged materials used are meticulously selected and go through highly effective quality control. All surgical instruments are manufactured using the highest quality Pakistani, German, French and Japanese medical grade Stainless Steel. Every Instrument is Hand Examined from steel forging to final packing; no product passes to the next step unless Hand-Examined by a highly qualified and experienced technician.

100% Satisfaction Guaranteed

All our Instruments are produced with high quality stainless steel and are thoroughly checked and inspected during all phases of production, In order to ensure that they correspond to the international standards laid down by the **ISO 13485:2016, ISO 7153-1:2016 EN 10088-1:2005, ISO 9001:2015 and CE** standards and are confirmation of their compliance to use.

Product Materials

We are Manufacturing stainless steel Grades **AISI 410, 420, 304, 302 ASTM F899** steel according international standards.

Also French & German & Japanese's steel technology that removes calculus efficiently, while retaining its sharp Lapa Master Industry for a longer period of time.



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About Us

Lapa Master Industry Instruments holds the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide the user with a 100% customer satisfaction guarantee. Lapa Master Industry that are stainless steel require periodic sharpening. Please feel free to contact us for any information.

Our Staff

We are convinced that a highly qualified staff brings trust in our company. We are tight team, consisting of people, who with their education and experience contribute to our company strength.

Support

Our friendly and well trained support staff is happy to assist you in any way even if you are looking for something not in our range of products, we will do our best to help you.

Terms & Condition

Processing of Ordered Goods: Once the contract is finalized, we start manufacturing the articles with zest and zeal, to ensure prompt delivery.

Minimum Order

The minimum order is Euro €.1000.00, US\$.1000.00

Price

We normally quote FOB prices. However, we can add freight, shipping and postage charges depending upon the requirement of the buyer.

Payment

This supplier also supports L/C, D/P, T/T, Western Union, Money Gram payments for conformed orders. We prefer 70% In Advance and the remaining 30% on completion of the goods but before shipment. The goods will remain the property of Lapa Master Industry the total amount of order is paid in full. We also accept Irrevocable Letter of Credit (L/C).

Mode of Shipment

It depends on the requirement of buyer.

Claim

We always supply the goods with utmost care in all aspects; but still out of human error, any claim arises for any loss or damage, it must be filed within 4 days of the date of receipt of goods. The claim is not negotiable after Twenty One Days from the date of invoice.

Returns

Returns are not acceptable without prior mutual consent. Any instruments that are custom made, modified, private labeled, custom etched or otherwise modified or hampered are not returnable for



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credit.

We reserve the right to inspect any returns prior to issuing any credit. Returned goods will be subject to 20% Re-stocking charges.

Repairs & Warranty Replacements

In case of any manufacturing defect, we guarantee to replace, repair any such piece(s), free of cost but this does not apply to instruments that are repaired, or hampered/mishandled at the importer's end. Instruments which have been repaired by a source other than

Lapa Master Industry

are void of this warranty.

Merchandise will be repaired or replaced at our discretion.

The instruments lost/damaged during this transit to us will not be our responsibility.

The freight of such articles will be borne by the consignee.

Written By: Production Manager

Signature:

Reviewed By: Quality Assurance Manager

Signature:

Approved By: CEO

Signature:

Dated: 01st January 2021 to 31st December 2021



User Manual

Lapa Master Industry is Manufacturer and Exporter of all kinds of Surgical Instruments for ENT Diagnostic, Ophthalmology & Dermatology Pocket Instruments, Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets,

INSTRUCTION MANUAL – PLEASE READ BEFORE USE SURGICAL INSTRUMENTS

The Lapa Master Industry culture is one of responsibility and accountability, which means we take ownership of our projects with a clear view of the final objective. We are providing the responsiveness to customer needs of a small business, but with the added innovation, advanced manufacturing methods and qualified distribution network of a truly global company. This, in essence, created what Lapa Master Industry stands for today: world-class products and services for our customers.

INNOVATION

At Lapa Master Industry we foster innovation by combining decades of experience in developing and manufacturing diagnostic devices with out-of-the-box, innovative thinking. Our people are always eager to explore new technologies. As a result we are now in the great position of being able to launch innovative products every year, while still having a well-filled product pipeline for the future.

CUSTOMER SATISFACTION

Lapa Master Industry's customers expect nothing less than world-class products and services. Consequently, they are the center of all our efforts and activities, right across the company, from research and development through to manufacturing, marketing and sales. Designed for demanding, everyday use in doctors' practices and hospitals, many of our products are developed through close cooperation between our engineers and specialists from research centers and university hospitals.

During the development phase, our test procedures and facilities lay the foundation for products of outstanding quality, even before the actual manufacturing process starts.

EMPOWERMENT

Our employees are key to our success and we continue to invest in their development. From their initial training when they join Lapa Master Industry, followed by ongoing development programs and corporate management training, our employees are encouraged to contribute through excellence and teamwork. Our objective is to empower people and help them assume responsibility to help us, as a team, achieve our ambitious company goals.

PRODUCT LAUNCHES

Lapa Master Industry Product Launches Surgical Instruments for ENT, Ophthalmology & Dermatology Pocket Instruments - Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic (F.O.) Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets, INTENDED USE These instructions for use are valid for Surgical instruments made of stainless steel, such as Extracting Forceps, instruments for Bone Surgery, Scalpels, Knives, Scissors, Forceps, Clamps, Retractors, Probes, Scalars Spatulas, Suture Root Elevators instruments with special instructions.



User Manual

Lapa Master Industry sets higher standards than required by norms and guidelines. In order to comply with these exceptionally high internal standards, we only use high-grade materials from reliable suppliers and apply the latest manufacturing methods, with every product having to pass several intermediate and final quality checks. All our manufacturing personnel receive expert training to ensure world-class finishing and quality. Our products come with a minimum two year warranty.

TESTS

Surgical instruments are high-quality products whose proper handling and use will be described in the following. In order to minimize hazards for patients and users these directions must be closely obeyed. Application, maintenance and test of the instruments may only be carried out by specially skilled staff.

HANDLING

The instruments must not be over stressed by twisting or levering as this may lead to damages or cracking of the instruments.

PURPOSE / FIELD OF APPLICATION

These operating instructions are valid for standard surgical instruments of the production of Lapa Master Industry. The user decides according to his specialized knowledge whether the instrument may be suitable for the intended purpose.

DISPOSAL

Instruments that cannot be repaired or reprocessed should be disposed in accordance with the respective disposal guidelines of the hospital.

MATERIALS

Product Materials

We are using Materials as per international standards. We have expertise to remove calculus efficiently from the Materials while retaining its sharpness which is durable for a longer period of time. Lapa Master Industry Instruments hold the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide our clients 100% satisfaction guarantee. Lapa Master Industry Instruments that are stainless steel require periodic sharpening. Please feel free to contact us for any information.

QUALITY

100% Satisfaction Guaranteed. All our Instruments are produced with high quality stainless steel and are thoroughly checked and inspected during all phases of production. In order to ensure that they correspond to the international standards laid down by the **ISO 13485, ISO 9001, ISO7153-1 EN10088-1 and CE standards** and are confirmation of their compliance to use.

REPROCESSING DIRECTIONS

Surgical instruments may in general only be processed by specially skilled staff possessing the specific knowledge for this kind of work. Detailed information to the maintenance of instruments are available in the



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“Red Brochure” of the www.lapamasterind.com links to laws, norms and specialized maintenance committees can be found.

ADVICE

Instruments made of stainless steel must not be put in physiological saline solutions (NaCl), as longer contact may lead to corrosion damages. Instruments may only be sterilized after a previous cleaning and disinfection.

INSTRUCTION

Due to the design of surgical instruments and the used materials, it is not possible to determine a limited number of reprocessing cycles. The lifetime of surgical instruments is therefore determined by the function / wear of the device. In case of damage the device must be reprocessed before sending back to the manufacturer for repair.

REPROCESSING INSTRUCTIONS

Preparation at the point of use:

Remove gross soiling by submerging the instrument into cold water (<40°C) immediately after use.

Don't use a fixating detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocess- in process.

TRANSPORTATION

Safe storage and transportation in a closed container to the reprocessing area to avoid any damage and contamination to the environment.

PREPARATION FOR DECONTAMINATION

The devices must be reprocessed in an opened or disassembled state. Instruments must be placed on adequate supports or trays. The nature of the supports or trays must not have any negative influence on the result of the following cleaning and disinfection by rinsing or ultrasonic treatment.

MANUAL PRE CLEANING

Immerse the instrument into cold tap water for at least 5 minutes. Dismantle the instruments If possible and brush under cold tap water until all visible residues are removed. Inner lumen, threads and holes are flushed each with a water jet pistol for minimum 10 seconds in the pulsed mode. Immerse the instrument into an ultrasonic bath with an alkaline or enzymatic detergent (0,5%) and treat with ultrasound for 15 minutes at 40°C.

Remove the instruments from the bath and rinse again with cold tap water.

The cleaning bath must be changed at least once a day, or if required. Any pollution may influence the result of cleaning / disinfection and may favor corrosion.

MANUAL CLEANING

In case of manual cleaning, the cleaning process needs to be adapted to the pre-treatment. The used detergents must be compatible, in order to avoid any negative influence on the cleaning/disinfection result. The detergent must be suitable for the treatment of surgical instruments.



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The manufacturer's instructions regarding concentration and reaction time must be strictly obeyed. Use only soft brushes, no metal brushes. Channels and hollow parts must be rinsed thoroughly. If necessary, a high pressure hose must be used.

- Rinse the instruments with running clear water.
- Dry the instruments thoroughly.
- The cleaning bath must be changed at least once a day, or if required.

CHEMICAL DISINFECTION

The chemical disinfection follows the manual cleaning. A detergent, suitable for surgical instruments made of stainless steel must be used.

PACKAGING STORAGE

Storage of sterilized instruments in appropriate packaging in a dry, clean and dust free environment at modest temperatures of 5°C to 40°C, and at a constant humidity. The distance between shelf and floor should be at least 30cm. Storage duration time is to be determined by the user.

Reprocessing validation study information:

The following testing test devices, materials & machines have been used in this validation study; Detergent:

ADDITIONAL INSTRUCTIONS

If the described chemistry and machines are not available, it is the duty of the user to validate his process. It is the duty of the user to ensure that the reprocessing processes including resources, materials and personnel are capable to reach the required results. State of the art and often national law requiring these processes and included resources to be validated and maintained properly.

WARRANTY

The products are made of high grade medical stainless steel and are controlled prior to sale. In case of any error or inconvenience, please feel free to contact our service.

Lapa Master Industry cannot provide any guarantee whether the instruments are suitable for the respective intervention. This has to be determined by the user.

Lapa Master Industry does not provide any liability for any damages arising from pure chance. Lapa Master Industry does not provide any liability for any damages deriving from contravening against this manual. In case of using the instruments on patients with Lapa Master Industry does not provide any liability for the reprocessing of the instruments.

Yours very sincerely,

Management and Staff Lapa Master Industry
Lapa Master Industry Product Launches

TUNGSTEN CARBIDE INSTRUMENTS

TUNGSTEN CARBIDE SCISSORS - AISI 420



LMI 5101 Straight scissors blunt/sharp - 14.5 cm

LMI 5102 Straight scissors blunt/blunt - 14.5 cm

LMI 5103 Straight scissors sharp/sharp - 14.5 cm

LMI 5104 Curved scissors blunt/sharp - 14.5 cm

LMI 5105 Curved scissors blunt/blunt - 14.5 cm

LMI 5106 Curved scissors sharp/sharp - 14.5 cm



LMI 5107 Metzenbaum scissors - straight - 14 cm

LMI 5108 Metzenbaum scissors - straight - 18 cm

LMI 5109 Metzenbaum scissors - straight - 20 cm

LMI 5110 Metzenbaum scissors - curved - 14 cm

LMI 5111 Metzenbaum scissors - curved - 18 cm

LMI 5112 Metzenbaum scissors - curved - 20 cm



LMI 5113 Mayo Stille scissors - straight - blunt - 15 cm

LMI 5114 Mayo Stille scissors - curved - blunt - 15 cm

LMI 5115 Mayo Stille scissors - straight - blunt - 17 cm

LMI 5116 Mayo Stille scissors - curved - blunt - 17 cm



LMI 5117 Iris scissors - straight - 11.5 cm

LMI 5118 Iris scissors - curved - 11.5 cm



LMI 5119 Mayo scissors - straight - 14.5 cm

LMI 5120 Mayo scissors - straight - 18 cm

LMI 5121 Mayo scissors - straight - 23 cm

LMI 5122 Mayo scissors - curved - 14.5 cm

LMI 5123 Mayo scissors - curved - 18 cm

LMI 5124 Mayo scissors - curved - 23 cm



LMI 5125 Kelly scissors - straight - sharp - 16 cm

LMI 5126 Kelly scissors - curved - sharp - 16 cm



LMI 5127 GoldmanFox scissors - straight - 13 cm

LMI 5128 GoldmanFox scissors - curved - 13 cm



LMI 5129 Lister scissors - 14 cm

LMI 5130 Lister scissors - 18 cm



LMI 5131 Debaquey Potts Smith scissors - 19 cm - angle 25°

LMI 5132 Debaquey Potts Smith scissors - 19 cm - angle 45°

LMI 5133 Debaquey Potts Smith scissors - 19 cm - angle 60°

LMI 5134 Debaquey Potts Smith scissors - 23 cm - angle 25°

LMI 5135 Debaquey Potts Smith scissors - 23 cm - angle 45°

LMI 5136 Debaquey Potts Smith scissors - 23 cm - angle 60°



LMI 5137 Universal scissors - 12 cm

SUPER CUT SCISSORS

Razor-sharp edge
Micro-fine serrations



LMI 5138 METZENBAUM SCISSORS SUPER CUT - curved - 15 cm

LMI 5139 METZENBAUM SCISSORS SUPER CUT - curved - 18 cm

SUPER CUT SCISSORS
Super Cut scissors have a specially designed razor-sharp upper blade edge that cuts effortlessly through tissue. The lower blade has micro-fine serrations to hold tissue and prevent slippage.

Tungsten carbide honed insert combined with razor-sharp edge



Tungsten carbide insert with micro-fine serrations

LMI 5140 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 14 cm

LMI 5141 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 17 cm

LMI 5142 MAYO SCISSORS SUPER CUT WITH T.C. - curved - 20 cm



International
Organization for
Standardization



TUNGSTEN CARBIDE INSTRUMENTS – LAPA MASTER

LAPA MASTER INDUSTRY - TUNGSTEN CARBIDE INSTRUMENTS

A top quality theatre use Tungsten Carbide Instruments made in stainless steel AISI 410 (AISI 420 for scissors) with very hard tips made in Germany to help surgeons perform precision surgeries with best results. Highly reliable for hardness and corrosion resistance.

TUNGSTEN CARBIDE NEEDLE HOLDERS - AISI 410

LMI 5043 Webster needle holder - 12.5 cm



LMI 5054 Olsen Hegar needle holder - 14 cm

LMI 5055 Olsen Hegar needle holder - 16.5 cm

LMI 5056 Olsen Hegar needle holder - 19 cm



LMI 5044 Crile Wood needle holder - 15 cm

LMI 5045 Crile Wood needle holder - 18 cm

LMI 5046 Crile Wood needle holder - 20 cm



LMI 5057 Mathieu needle holder - 14 cm

LMI 5058 Mathieu needle holder - 17 cm

LMI 5059 Mathieu needle holder - 20 cm



LMI 5047 Mayo Hegar needle holder - 14 cm

LMI 5048 Mayo Hegar needle holder - 16 cm

LMI 5049 Mayo Hegar needle holder - 18 cm

LMI 5050 Mayo Hegar needle holder - 20 cm

LMI 5051 Mayo Hegar needle holder - 24 cm

LMI 5052 Mayo Hegar needle holder - 26 cm

LMI 5053 Mayo Hegar needle holder - 30 cm



LMI 5060 Gillies needle holder - 16 cm

LMI 5061 Derf needle holder - 12 cm



TC MICRONEEDLE HOLDER - AISI 410



LMI 5062 Castroviejo Needle Holder straight - 14 cm - plain tip

LMI 5063 Castroviejo Needle Holder curved - 14 cm - plain tip

LMI 5064 Castroviejo Needle Holder straight - 14 cm - rough tip

LMI 5065 Castroviejo Needle Holder curved - 14 cm - rough tip

LMI 5066 Castroviejo Needle Holder straight - 18 cm - rough tip

LMI 5067 Castroviejo Needle Holder straight - 21 cm - rough tip

LMI 5068 Castroviejo Needle Holder curved - 21 cm - rough tip



LMI 5169 Castroviejo - 13 cm



LMI 5170 Barraquer Micro needle holder - 13 cm - smooth tips - with lock



LMI 5171 Arrugan needle holder - straight - 16 cm plain tips

LMI 5172 Arrugan needle holder - curved - 16 cm plain tips



TUNGSTEN CARBIDE FORCEPS - AISI 410

LMI 5173 Adson - 12 cm

LMI 5174 Adson 1x2 teeth - 12 cm



LMI 5175 Micro Adson forceps - 12 cm - 1x2 teeth

LMI 5176 Micro Adson forceps - 15 cm - 1x2 teeth



LMI 5177 Gillies Dissecting forceps - 15 cm - 1x2 teeth



LMI 5178 Potts Smith Dissecting forceps - 15 cm

LMI 5179 Potts Smith Dissecting forceps - 18 cm

LMI 5180 Potts Smith Dissecting forceps - 20 cm

LMI 5181 Potts Smith Dissecting forceps - 23 cm

LMI 5182 Potts Smith Dissecting forceps - 25 cm

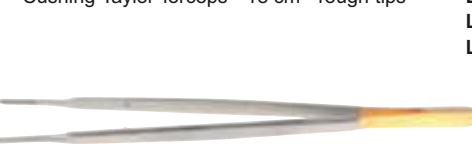


LMI 5183 Cushing forceps - 18 cm



LMI 5184

Cushing Taylor forceps - 18 cm - rough tips



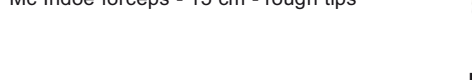
LMI 5185

Gerald forceps - 17 cm - rough tips



LMI 5186

Mc Indoe forceps - 15 cm - rough tips



TC WIRE CUTTERS - AISI 410



LMI 5187 Wire Cutter - 14 cm - for soft wires 0-1 mm

LMI 5188 Wire Cutter - 18 cm - for hard wires cutting up to 1.6 mm

LMI 5189 Wire Cutter - 23 cm - for hard wires cutting up to 2.0 mm



LMI 5190 Wire holding - 18 cm

TC ORGAN HOLDING FORCEPS - AISI 410



LMI 5191

Duval - 20 cm

STAINLESS STEEL NEEDLE HOLDERS LAPA MASTER INDUSTRY

CRILE WOOD NEEDLE HOLDER



- LMI 5192** Crile Wood needle holder - 15 cm
LMI 5193 Crile Wood needle holder - 18 cm
LMI 5194 Crile Wood needle holder - 20 cm

MAYO HEGAR NEEDLE HOLDER



- LMI 5195** Mayo Hegar needle holder - 14 cm
LMI 5196 Mayo Hegar needle holder - 16 cm
LMI 5197 Mayo Hegar needle holder - 18 cm
LMI 5198 Mayo Hegar needle holder - 20 cm

MATHIEU NEEDLE HOLDER



- LMI 5199** Mathieu needle holder - 14 cm
LMI 5200 Mathieu needle holder - 16 cm
LMI 5201 Mathieu needle holder - 20 cm

STAINLESS STEEL SURGICAL SCISSORS

BLUNT/SHARP SCISSORS



- LMI 5202** Straight scissors blunt/sharp - 11.5 cm
LMI 5203 Straight scissors blunt/sharp - 14.5 cm
LMI 5204 Straight scissors blunt/sharp - 16 cm
LMI 5205 Straight scissors blunt/sharp - 18 cm
LMI 5206 Straight scissors blunt/sharp - 20 cm
LMI 5207 Curved scissors blunt/sharp - 11.5 cm
LMI 5208 Curved scissors blunt/sharp - 14.5 cm
LMI 5209 Curved scissors blunt/sharp - 16 cm
LMI 5210 Curved scissors blunt/sharp - 18 cm
LMI 5211 Curved scissors blunt/sharp - 20 cm

BLUNT/BLUNT SCISSORS



- LMI 5212** Straight scissors blunt/blunt - 11.5 cm
LMI 5213 Straight scissors blunt/blunt - 14.5 cm
LMI 5214 Straight scissors blunt/blunt - 16 cm
LMI 5215 Straight scissors blunt/blunt - 18 cm
LMI 5216 Straight scissors blunt/blunt - 20 cm
LMI 5217 Curved scissors blunt/blunt - 11.5 cm
LMI 5218 Curved scissors blunt/blunt - 14.5 cm
LMI 5219 Curved scissors blunt/blunt - 16 cm
LMI 5220 Curved scissors blunt/blunt - 18 cm
LMI 5221 Curved scissors blunt/blunt - 20 cm

SHARP/SHARP SCISSORS



- LMI 5222** Straight scissors sharp/sharp - 11.5 cm
LMI 5223 Straight scissors sharp/sharp - 14.5 cm
LMI 5224 Straight scissors sharp/sharp - 16 cm
LMI 5225 Straight scissors sharp/sharp - 18 cm
LMI 5226 Straight scissors sharp/sharp - 20 cm
LMI 5227 Curved scissors sharp/sharp - 11.5 cm
LMI 5228 Curved scissors sharp/sharp - 14.5 cm
LMI 5229 Curved scissors sharp/sharp - 16 cm
LMI 5230 Curved scissors sharp/sharp - 18 cm
LMI 5231 Curved scissors sharp/sharp - 20 cm

LISTER BANDAGE SCISSORS



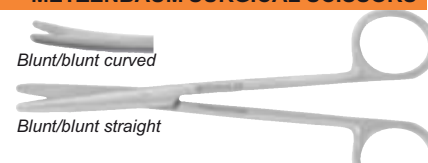
- LMI 5232** Lister scissors - 11 cm
LMI 5233 Lister scissors - 15 cm
LMI 5234 Lister scissors - 18 cm

MAYO-STILLE SURGICAL SCISSORS



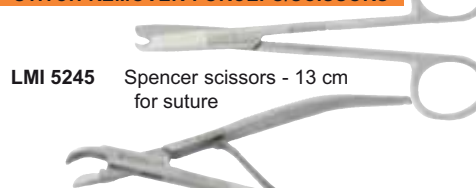
- LMI 5235** Mayo-stille scissors - straight - 14.5 cm
LMI 5236 Mayo-stille scissors - straight - 18 cm
LMI 5237 Mayo-stille scissors - straight - 20 cm
LMI 5238 Mayo-stille scissors - curved - 14.5 cm
LMI 5239 Mayo-stille scissors - curved - 18 cm
LMI 5240 Mayo-stille scissors - curved - 20 cm

METZENBAUM SURGICAL SCISSORS



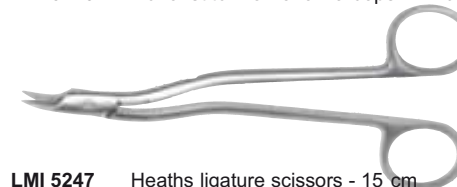
- LMI 5241** Metzenbaum scissors - straight - 14.5 cm
LMI 5242 Metzenbaum scissors - straight - 18 cm
LMI 5243 Metzenbaum scissors - curved - 14.5 cm
LMI 5244 Metzenbaum scissors - curved - 18 cm

STITCH REMOVER FORCEPS/SCISSORS



- LMI 5245** Spencer scissors - 13 cm for suture

- LMI 5246** Michel stitch remover forceps - 12 cm



- LMI 5247** Heaths ligature scissors - 15 cm

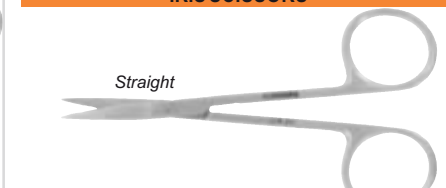
DELIVERY SCISSORS



- LMI 5254** Umbilical scissors Usa model - 10.5 cm

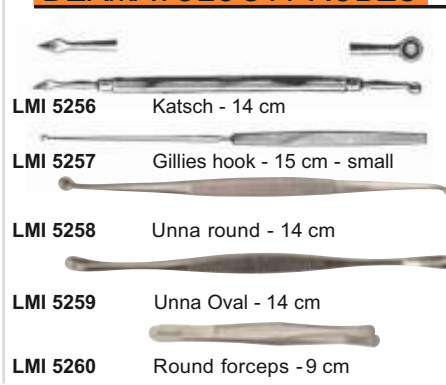
- LMI 5255** Brown Sadler episiotomy scissors - 14 cm

IRIS SCISSORS



- LMI 5248** Iris scissors - straight - 11.5 cm
LMI 5249 Iris scissors - curved - 11.5 cm

DERMATOLOGY PROBES



- LMI 5256** Katsch - 14 cm

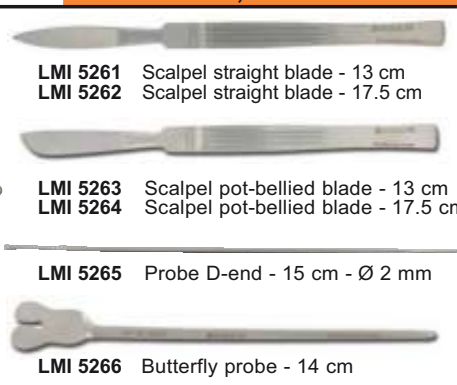
- LMI 5257** Gillies hook - 15 cm - small

- LMI 5258** Unna round - 14 cm

- LMI 5259** Unna Oval - 14 cm

- LMI 5260** Round forceps - 9 cm

PROBES, SCALPELS



- LMI 5261** Scalpel straight blade - 13 cm
LMI 5262 Scalpel straight blade - 17.5 cm

- LMI 5263** Scalpel pot-bellied blade - 13 cm
LMI 5264 Scalpel pot-bellied blade - 17.5 cm

- LMI 5265** Probe D-end - 15 cm - Ø 2 mm

- LMI 5266** Butterfly probe - 14 cm

STAINLESS STEEL SURGICAL FORCEPS



TOWEL FORCEPS



- LMI 5267 Backhaus forceps - 9 cm
LMI 5268 Backhaus forceps - 11 cm
LMI 5269 Backhaus forceps - 13 cm



- LMI 5270 Backhaus Forceps for TNT - 13 cm

DISSECTING FORCEPS



- LMI 5318 Anatomy forceps - 12 cm
LMI 5319 Anatomy forceps - 14 cm
LMI 5320 Anatomy forceps - 16 cm
LMI 5321 Anatomy forceps - 18 cm
LMI 5322 Anatomy forceps - 20 cm



- LMI 5324 Surgery forceps - 12 cm - 1x2
LMI 5325 Surgery forceps - 14 cm - 1x2
LMI 5326 Surgery forceps - 16 cm - 1x2
LMI 5327 Surgery forceps - 18 cm - 1x2
LMI 5328 Surgery forceps - 20 cm - 1x2



- LMI 5329 Adson forceps - 12 cm
LMI 5330 Adson forceps - 12 cm - 1x2
LMI 5331 Micro Adson forceps - 12 cm
LMI 5332 Micro Adson forceps - 12 cm - 1x2



- LMI 5333 Forceps thin end - 12 cm

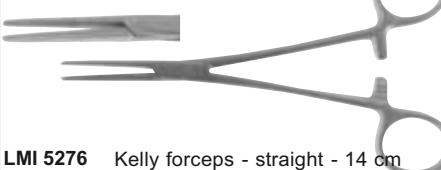


- LMI 5334 English Toe plain dissecting forceps - 14 cm

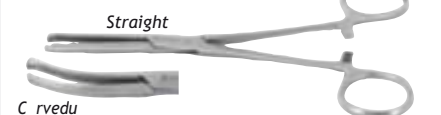
HAEMOSTATIC FORCEPS



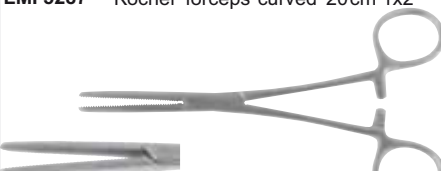
- LMI 5271 Mosquito forceps - straight - 12.5 cm
LMI 5272 Mosquito forceps - straight - 14 cm
LMI 5273 Mosquito forceps - straight - 16 cm
LMI 5274 Mosquito forceps - curved - 12.5 cm
LMI 5275 Mosquito forceps - curved - 14 cm



- LMI 5276 Kelly forceps - straight - 14 cm
LMI 5277 Kelly forceps - straight - 16 cm
LMI 5278 Kelly forceps - curved - 14 cm
LMI 5279 Kelly forceps - curved - 16 cm



- LMI 5280 Kocher forceps straight 14 cm 1x2
LMI 5281 Kocher forceps straight 16 cm 1x2
LMI 5282 Kocher forceps straight 18 cm 1x2
LMI 5283 Kocher forceps straight 20 cm 1x2
LMI 5284 Kocher forceps curved 14 cm 1x2
LMI 5285 Kocher forceps curved 16 cm 1x2
LMI 5286 Kocher forceps curved 18 cm 1x2
LMI 5287 Kocher forceps curved 20 cm 1x2

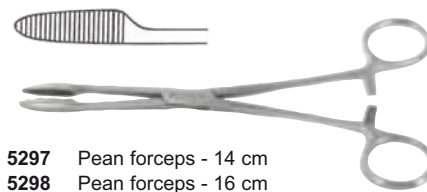


- LMI 5288 Klemmer forceps straight 14 cm
LMI 5289 Klemmer forceps straight 16 cm
LMI 5290 Klemmer forceps straight 18 cm
LMI 5291 Klemmer forceps straight 20 cm
LMI 5292 Klemmer forceps curved 14 cm
LMI 5293 Klemmer forceps curved 16 cm
LMI 5294 Klemmer forceps curved 18 cm
LMI 5295 Klemmer forceps curved 20 cm

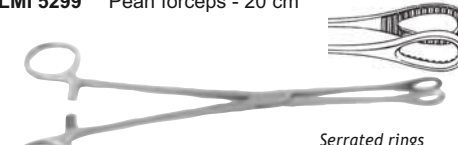


- LMI 5296 Mixer forceps - 23 cm

DRESSING SPONGE HOLDING FORCEPS



- LMI 5297 Peaen forceps - 14 cm
LMI 5298 Peaen forceps - 16 cm
LMI 5299 Peaen forceps - 20 cm



- LMI 5300 Foerster forceps - 20 cm
LMI 5301 Foerster forceps - 25 cm



- LMI 5302 Foerster "small ring" forceps - 25 cm



- LMI 5303 Duval 14 cm x 10 mm



- LMI 5304 Crile forceps - straight - 16 cm
LMI 5305 Crile forceps - curved - 16 cm

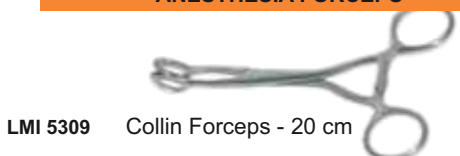


- LMI 5306 Allis forceps - 15 cm - 4x5 teeth
LMI 5307 Allis forceps - 19 cm - 5x6 teeth



- LMI 5308 Cheron forceps - 25 cm

ANESTHESIA FORCEPS

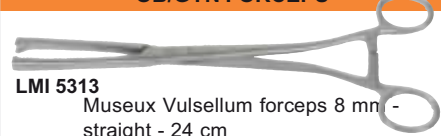


- LMI 5309 Collin Forceps - 20 cm



- LMI 5310 Magill Forceps - 15 cm - infants
LMI 5311 Magill Forceps - 20 cm - children
LMI 5312 Magill Forceps - 25 cm - adults

OB/GYN FORCEPS



- LMI 5313 Museux Vulsellum forceps 8 mm - straight - 24 cm

BONE CUTTING FORCEPS



- LMI 5335 Luer forceps - 15 cm - sharp edge

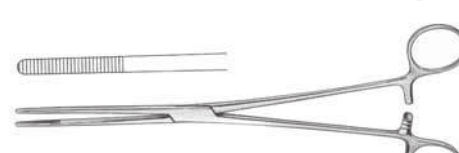


- LMI 5336 Ruskin Liston forceps - 18 cm

DRESSING SWAB FORCEPS



- LMI 5314 Ramplay forceps - 18 cm
LMI 5315 Ramplay forceps - 25 cm



- LMI 5316 Bozeman dressing forceps straight - 26 cm
LMI 5317 Bozeman dressing forceps curved - 26 cm

S/S INSTRUMENT KITS



LMI 53

LAPA code	INSTRUMENTS KIT IN ALUMINIUM BOX OR POLYESTER BAG	PROBE	BUTTERFLY PROBE	STRAIGHT BLADE	POT-BELLIED BLADE	ANATOMY FORCEPS	SURGERY FORCEPS	KLEMMER FORCEPS	STITCH REMOVER	HOOK SHARP	FORCEPS THIN END	SCISSORS BLUNT/SHARP	MATHIEU NEEDLE	MAYO-HEGAR HOLDER
LMI 5322		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5323		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5324		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5325		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5326		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5327		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5328		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5329		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5330		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5331		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5332		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5333		•	•	•	•	•	•	•	•	•	•	•	•	•
LMI 5334		•	•	•	•	•	•	•	•	•	•	•	•	•

LMI 5318	Trousse standard - polyester bag 9 instr.
LMI 5319	Trousse classica - polyester bag 10 instr.
LMI 5320	Trousse suprema - polyester bag 11 instr.
LMI 5321	Trousse suprema - aluminium box 11 instr.

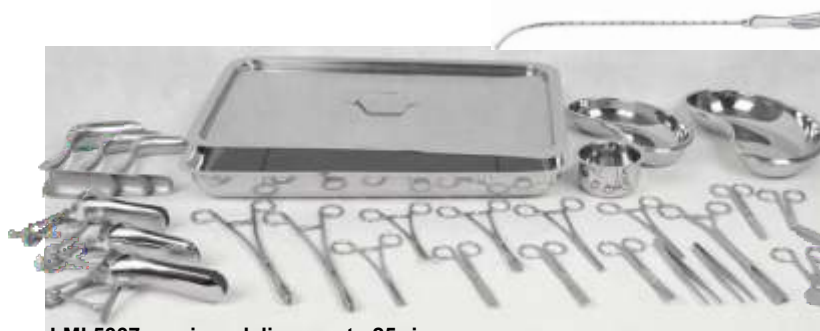
S/S DRESSING, SUTURE AND DELIVERY SURGERY SETS



• LMI 5335 DRESSING SET - 8 PIECES



• LMI 5336 SUTURE SET - 12 PIECES



LMI 5337 minor delivery set - 25pieces

SET CONTENTS	26963	26965	26966
Kidney Dish 20 cm (8") - medium	•	•	•
Kidney Dish 25 cm (10") - large	•	•	•
Gallipot 150 ml - 6 oz - medium	•	•	•
Mayo Hegar needle holder - 18 cm	•	•	•
Brown Sadler episiotomy scissors - 14 cm	•	•	•
Kocher artery forceps - straight - 16 cm	•	•	•
Kocher artery forceps straight - 18 cm	•	•	•
Kocher artery forceps curved - 16 cm	•	•	•
Dressing Forceps (Thumb) - 16 cm	•	•	•
English TOE dissecting forceps - plain - 14 cm	•	•	•
English TOE dissecting forceps - plain - 18 cm	•	•	•
Dissecting forceps toothed 1x2 - 14 cm	•	•	•
Suture scissors - Heaths Ligature - 15 cm	•	•	•
Mayo scissors - straight - 15 cm	•	•	•
Operating scissors sharp/blunt - straight - 15 cm	•	•	• 2 pcs.
Operating scissors sharp/blunt - curved - 15 cm	•	•	• 2 pcs.
Ramplay sponge holding forceps - str. - 18 cm	•	•	• 2 pcs.
Ramplay sponge holding forceps - str - 24 cm	•	•	•
Museux Vulsellum forceps 8 mm - str. - 24 cm	•	•	•
Cusco vaginal specula - small	•	•	•
Cusco vaginal specula - medium	•	•	•
Cusco vaginal specula - large	•	•	•
Sims vaginal specula - small	•	•	•
Sims vaginal specula - medium	•	•	•
Sims vaginal specula - large	•	•	•
Umbilical scissors USA Patent - 10.5 cm	•	•	•
Instrument tray with lid 25x30x6.2 cm	•	•	•
Instrument tray with lid 30x20x5 cm	•	•	•
V Sims hysterometer - malleable 33 cm silver	•	•	•
Instrument tray with lid 45x30x6.2 cm	•	•	•

LMI 5359 V Sims hysterometer - malleable - 33 cm - silver

GYNAECOLOGY INSTRUMENTS AND KIT

LMI 5338 Novak suction cannula - 23 cm - Ø 4 mm

LMI 5339 V Sims hysterometer - malleable - 33 cm - silver

LMI 5340 Martin hysterometer - 30 cm - malleable - brass handle, copper wire

LMI 5341 V Bosch/Sims scissors - 23 cm

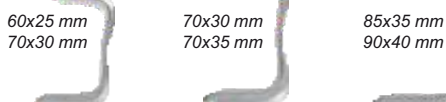
LMI 5342 V Schroeder forceps - 25 cm (Pozzi-Palmer)

LMI 5343 V Foerster forceps - 25 cm

• LMI 5344 GYNAECOLOGY KIT Includes 4 instruments marked with V in a nylon bag.



LMI 5346 Set of Chrome Plated Hengar Dilators Include 14 dilators Ø 4-17 mm



• LMI 5367 SET OF 3 SIMS RETRACTORS



LMI 5347

Rigid cannula with sharp tip

LMI 5348 Sims uterine curette - sharp - 8 mm - 26 cm

LMI 5348 Sims uterine curette - sharp - 9 mm - 26 cm

LMI 5349 Sims uterine curette - sharp - 14 mm - 26 cm

LMI 5350 Schumacher biopsy forceps - 24 cm

LMI 5351 Schbert biopsy forceps - 21 cm

LMI 5352 Kogan endospeculum - 24 cm

LMI 5353 Bozeman dressing forceps straight - 26 cm

LMI 5354 Bozeman dressing forceps curved - 26 cm

ENT STAINLESS STEEL INSTRUMENTS AND KIT



Tongue depressors

- LMI 5355 Mayo tongue depressor - 17 cm
- LMI 5356 Bruening tongue depressor - fenestrated 19 cm
- LMI 5357 Tobold tongue depressor



Nose/ear speculum

- LMI 5358 Voltolininspeculum - adjustable - Size 2
- LMI 5359 Voltolininspeculum - adjustable - Size 0
- LMI 5360 Set of 3 earspeculum Hartmann - Ø 4, 5, 6 mm
- LMI 5361 Tudicum nose clip



Nose Ear forceps and scissors

- LMI 5362 Lucae ear forceps - 14 cm
- LMI 5363 Troeltsch ear forceps - 12 cm
- LMI 5364 Hartmann ear forceps - 14 cm
- LMI 5365 Heymann scissors - 18 cm



Suction cannulas

- LMI 5366 Frazier nose/ear suction cannula Ø 2mm (18 cm)
- LMI 5367 Frazier nose/ear suction cannula Ø 3mm (18 cm)
- LMI 5368 Frazier nose suction cannula Ø 4mm (18 cm)
- LMI 5369 Frazier nose suction cannula Ø 5mm (18 cm)
- LMI 5370 Rosenear suction cannula Ø 1.5mm (55 mm)
- LMI 5371 Rosenear suction cannula Ø 3mm (55 mm)

* with adaptor with LUER tip and thumbvalve



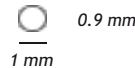
Hooks-Loops

- LMI 5372 Lucae Hook - 14 cm (5 1/4")
- LMI 5373 Lucae Hook - fine - 14 cm (5 1/4")
- LMI 5374 Billeau Loop - 16 cm
- LMI 5375 Swab holder - 16 cm

• LMI 5386 MICRO EARCUP-SHAPED

POLYPUS FORCEPS

A = 80 mm, B = 4 mm



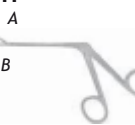
• LMI 5387 MICRO EAR SCISSORS BELLUCCI

A = 80 mm, B = 4 mm
C = 0,8 mm tip thickness



• LMI 5388 MICRO EAR PUNCH - introduction instrument

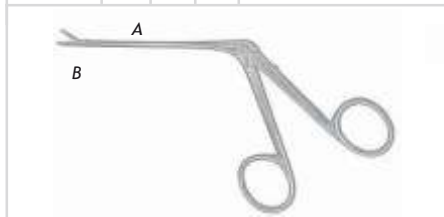
A = 80 mm, B = 4 mm



Killian/Hartmann nose forceps

- LMI 5376 Killian/Hartmann nose forceps - 14 cm (5 1/4")/15 mm
- LMI 5377 Killian/Hartmann nose forceps - 14 cm (5 1/4")/22 mm
- LMI 5378 Killian/Hartmann nose forceps - 14 cm (5 1/4")/35 mm
- LMI 5379 Killian/Hartmann nose forceps - 14 cm (5 1/4")/50 mm
- LMI 5380 Killian/Hartmann nose forceps - 14 cm (5 1/4")/75 mm
- LMI 5381 F. Killian nose forceps 14 cm/175 mm fiber optic
- LMI 5382 Tieck Halle nose speculum - 14 cm

LAPA code	Hartmann ear forceps			Picture
	A	B	C	
LMI 5383	80	11	0.6	Serrated tip



Hartmann microforceps			
A	B	C	
LMI 5384	80	6	0.3
LMI 5385	80	4	0.6

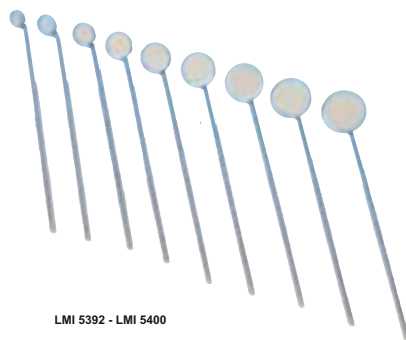


LMI 5389 ENT KIT Includes all instruments marked with box (21x10xh 5cm).

LARYNGEAL MIRRORS AND SPIRIT LAMP



LMI 5401



LMI 5392 - LMI 5400

- LMI 5390 ADJUSTABLE MIRROR HANDLE - 12.5 cm
- LMI 5391 ADJUSTABLE MIRROR HANDLE - 8 cm

LMI 5392 - LMI 5400

LMI 5392 - LMI 5400

LAPA code	LARYNGEAL MIRROR - STRAIGHT - 13 CM			Minimum order
LMI 5392	Mirror number	000	diameter 10 mm	7
LMI 5393	Mirror number	00	diameter 12 mm	
LMI 5394	Mirror number	0	diameter 14 mm	
LMI 5395	Mirror number	1	diameter 16 mm	
LMI 5396	Mirror number	2	diameter 18 mm	10 pcs. mixed sizes
LMI 5397	Mirror number	3	diameter 20 mm	
LMI 5398	Mirror number	4	diameter 22 mm	
LMI 5399	Mirror number	5	diameter 24 mm	
LMI 5400	Mirror number	6	diameter 26 mm	7

• LMI 5392 - LMI 5400 SET 9 LARYNGEAL MIRRORS 000-6

Set of 9 laryngeal mirrors from 000 to 6, all mirrors have a different diameter: from 10 mm to 26 mm.

minimum order: 1 set of 9 mirrors

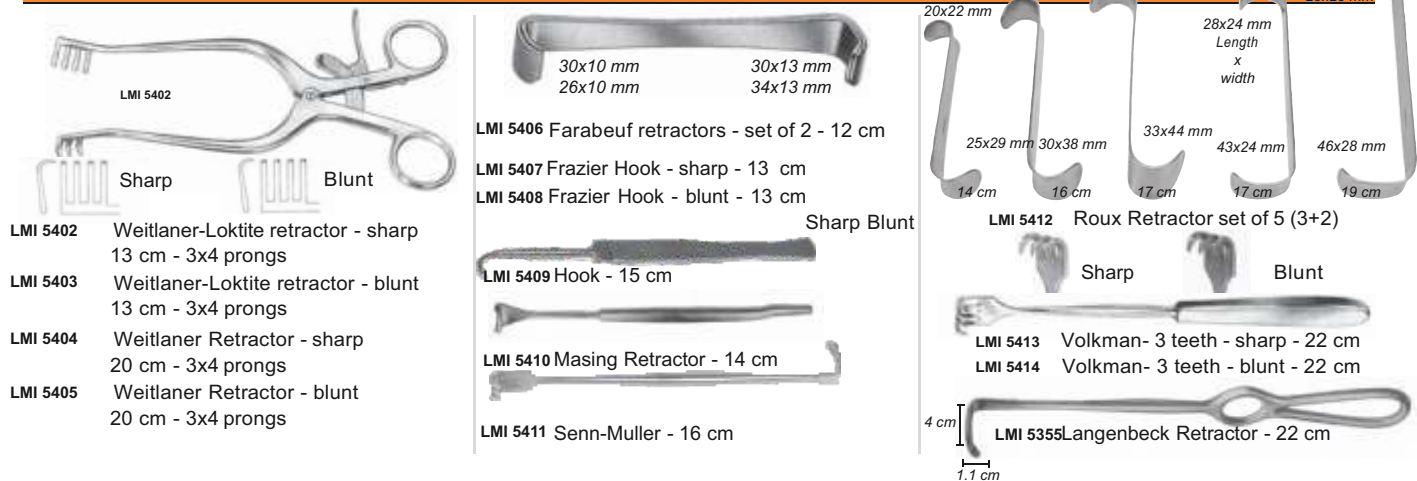
• LMI 5401 SPIRIT LAMP - 100 ml

Lamp is made of AISI 304 stainless steel.

Brass cap to close flame area to avoid discoloration.

PODIATRY-CHIROPODY STAINLESS STEEL INSTRUMENTS

STAINLESS STEEL RETRACTOR



10 PCS Student Minor Surgery Kit Set Surgical Instrument
LMI 5415



18 PCS Minor Surgery Kit Set Surgical Instruments
LMI 5416



33 PCS Ophthalmic Eye Micro Surgery Kit Set Surgical instruments
LMI 5416



18 PCS DNC SET & Gynecology Instruments
LMI 5417

DISPOSABLE METAL INSTRUMENTS - STERILE

A complete range of disposable instruments designed to provide users with good quality, sturdy all-metal alternative to plastic disposable instruments. Each instrument has a blue coloured part to avoid mix with reusable instruments and is individually packed in a single sterile pouch. Sterilized by Gamma radiation. Sold in box of 10 or 25 pouches.



0476

BLUE HANDLES
for instant identification
disposable

STERILE SCISSORS

- LMI 5418 Surgical scissors sharp/sharp - straight - 13 cm - box of 25
- LMI 5419 Surgical scissors sharp/blunt - straight - 13 cm - box of 25

- LMI 5420 Metzenbaum scissors - straight - 16 cm - box of 25
- LMI 5421 Metzenbaum scissors - curved - 16 cm - box of 25
- LMI 5422 Metzenbaum scissors - curved - 18 cm - box of 25

- LMI 5423 Iris scissors sharp/sharp - straight - 11.5 cm - box of 25
- LMI 5424 Iris scissors sharp/sharp - curved - 11.5 cm - box of 25

- LMI 5425 Mayo scissors - straight - 15 cm - box of 25
- LMI 5426 Mayo scissors - straight - 17 cm - box of 25

- LMI 5427 Lister bandage scissors - 14 cm
- LMI 5428 Lister bandage scissors - 16 cm
- LMI 5429 Lister bandage scissors - 18 cm - box of 25

- LMI 5430 Umbilical scissors - straight - 10.5 cm - US model - box of 25

STERILE FORCEPS

- LMI 5431 Dressing tissue forceps - straight - 13 cm - box of 25
- LMI 5432 Dressing tissue forceps - straight - 16 cm
- LMI 5433 Dressing tissue forceps - straight - 13 cm

- LMI 5436 Spencer Wells forceps - straight - 13 cm - box of 25

- LMI 5440 Adson tissue forceps - straight - 12 cm - box of 25
- LMI 5441 Adson tissue forceps - straight - 12 cm 1x2 teeth - box of 25

- LMI 5433 Pean forceps - curved - 14 cm
- LMI 5434 Pean forceps - curved - 16 cm
- LMI 5435 Pean forceps - curved - 18 cm - box of 25

- LMI 5437 Haemostatic Halstead-Mosquito artery forceps - straight - 12.5 cm - box of 25
- LMI 5438 Haemostatic Halstead-Mosquito artery forceps - curved - 12.5 cm - box of 25

- LMI 5442 McIndoe dissecting forceps - straight - 15 cm - box of 25

- LMI 5482 Splinter plain forceps - 12.5 cm - box of 25

- LMI 5439 Foerster polypus forceps - 25 cm - box of 10

- LMI 5443 Magill forceps - 20 cm for children - box of 10
- LMI 5444 Magill forceps - 25 cm for adult - box of 10

LMI 5486

LMI 5487

- LMI 5486 Micro Hartmann ear forceps - 15 cm - 3 mm - box of 10
- LMI 5487 Micro Bellucci ear scissors - 15 cm - 3 mm - box of 10

- LMI 5488 Mayo-Hegar needle holder - 14 cm - box of 25
- LMI 5489 Mayo-Hegar needle holder - 16 cm - box of 25

- LMI 5490 Crile Wood needle holder - 15 cm - box of 25

SINGLE USE STERILE PROCEDURE PACKS

Sold in
box of 25

- LMI 5491 **SUTURE REMOVAL PACK**
Iris scissors - straight - 11.5 cm
Adson tissue forceps toothed - 12 cm

Sold in
box of 25

- LMI 5492 **SUTURE PROCEDURE PACK**
Spencer ligature scissors - straight - 9 cm
Adson tissue forceps toothed - 12 cm

Sold in
box of 10

- LMI 5493 **STANDARD SUTURE PACK**
Kilner needle holder - 13 cm
Spencer Stitch scissors - straight - 9 cm
Treeves toothed dissecting forceps - 13 cm
T.O.E. (Turnover End) forceps - 13 cm
Super crepe sheet

Sold in
box of 10

- LMI 5494 **STANDARD DELIVERY PACK**
Umbilical scissors - 10.5 cm - US model
Mayo gynaecological scissors - straight - 17 cm
2x Spencer Wells artery forceps - straight - 13 cm
2x Umbilical cord clamps
Super crepe sheet

ROUND STERILIZER DRUMS - STAINLESS STEEL AISI 304



LAPA Code	STERILIZER DRUMS	LAPA code	STERILIZER DRUMS
LMI 5495	Ø 120x h 120 mm	LMI 5503	Ø 240x h 240 mm
LMI 5496	Ø 150x h 100 mm	LMI 5504	Ø 290x h 160 mm
LMI 5497	Ø 150x h 150 mm	LMI 5505	Ø 290x h 240 mm
LMI 5498	Ø 165x h 120 mm	LMI 5506	Ø 290x h 290 mm
LMI 5499	Ø 180x h 180 mm	LMI 5507	Ø 340x h 180 mm
LMI 5500	Ø 190x h 160 mm	LMI 5508	Ø 340x h 240 mm
LMI 5501	Ø 190x h 240 mm	LMI 5509	Ø 340x h 340 mm
LMI 5502	Ø 240x h 160 mm		Ø 390x h 250 mm
	Ø 240x h 190 mm		

ROUND STERILIZER DRUMS for autoclave and hot air sterilizer.
Cylindrical containers used to sterilize dressing materials (gauze compress or cotton etc.) in a steam sterilizer (autoclave) or hot air sterilizer and to keep them as "sterile".
Drums have an effective closing lid with a clip lock system, a carrying handle, air vents system to allow steam to circulate freely during the sterilization cycle/process. Easy to operate lateral air vent system to be manually closed after sterilization.

STAINLESS STEEL BOXES WITH OR WITHOUT HANDLE

STAINLESS STEEL BOXES



STAINLESS STEEL BOXES - Autoclavable 125°C

- LMI 5510 STAINLESS STEEL BOX 18x8xh 4 cm
- LMI 5511 STAINLESS STEEL BOX 20x10xh 6 cm
- LMI 5512 STAINLESS STEEL BOX 25x12xh 6 cm
- LMI 5513 STAINLESS STEEL BOX 30x15xh 6 cm
- LMI 5514 STAINLESS STEEL BOX 50x20xh 10 cm

STAINLESS STEEL BOXES WITH HANDLES



STAINLESS STEEL BOXES WITH HANDLES - Autoclavable 125°C

- LMI 5515 STAINLESS STEEL BOX 18x8xh 4 cm
- LMI 5516 STAINLESS STEEL BOX 20x10xh 4.5 cm
- LMI 5517 STAINLESS STEEL BOX 25x12.5xh 4.5 cm
- LMI 5518 STAINLESS STEEL BOX 30x15xh 6 cm
- LMI 5519 STAINLESS STEEL BOX 50x20xh 10 cm

BUCKETS WITH LID - STAINLESS STEEL

- LMI 5520 BUCKET WITH LID 12 I - 290x300 mm
- LMI 5521 BUCKET WITH LID 15 I - 322x307 mm

Stainless Steel AISI 304 buckets autoclavable at 121°C.



DISPOSABLE KIDNEY DISH

S/S KIDNEY DISHES - AUTOCLAVABLE 121°C

ECONOMIC S/S KIDNEY DISHES

S/S Kidney dishes, autoclavable 121°C, with 0.5 mm thickness

LAPA code	ECONOMIC S/S KIDNEY DISHES	Capacity
LMI 55021	Tray 6"- 162x77x31 mm	190 ml
LMI 55022	Tray 8"- 207x98x39 mm	400 ml
LMI 55023	Tray 10"- 247x122x43 mm	600 ml
LMI 55024	Tray 12"- 309x149x59 mm	1500 ml



S/SAISI304- 18/8 KIDNEY DISHES- THICKNESS 0.6MM- AUTOCLAVABLE 121°C



LAPA code	SHALLOW KIDNEY DISHES	Capacity
LMI 5522	Tray 8"-207x128xh33 mm	480 ml
LMI 5523	Tray 10"-254x141xh33 mm	750 ml
LMI 5524	Tray 12"-280x141xh40 mm	1600 ml

LAPA code	DEEP KIDNEY DISHES	Capacity
LMI 5525	Tray 6"- 162x77x31 mm	190 ml
LMI 5526	Tray 8"- 207x98x39 mm	400 ml
LMI 5527	Tray 10"- 247x122x43 mm	600 ml
LMI 5528	Tray 12"- 309x149x59 mm	1500 ml

LAPA code	DEEP WITH COVER* KIDNEY DISHES	Capacity
LMI 5529	Tray 7"- 200x95x35 mm	300 ml
LMI 5530	Tray 10"- 247x122x43 mm	600 ml
LMI 5531	Tray 12"- 309x149x59 mm	1500 ml

*Thickness of cover 0.5 mm

S/SAISI304- 18/8 WASH BASINS AND GALLIPOTS- AUTOCLAVABLE 121°C



LAPA code	WASH BASINS	Capacity
LMI 5532	Ø 310x h 72 mm - shallow	3 l
LMI 5533	Ø 405x h 95 mm - shallow	7 l
LMI 5534	Ø 318x h 84 mm - deep	4 l

LAPA code	ROUND GALLIPOTS	Capacity
LMI 5535	Ø 107xh 56 mm	325 ml
LMI 5536	Ø 158xh 75 mm	940 ml
LMI 5537	Ø 208xh 84 mm	1940 ml
LMI 5538	Ø 258xh 92 mm	3200 ml

LAPA code	GALLIPOTS WITH LIP	Capacity
LMI 5539	Ø 56xh 32 mm	50 ml
LMI 5540	Ø 88xh 46 mm	170 ml
LMI 5541	Ø 128xh 60 mm	450 ml
LMI 5542	Ø 158xh 75 mm	940 ml

For all wash Basins and Gallipots we indicate upper diameter

STAINLESSSTEEL HOLLOWWARE- AUTOCLAVABLE 121°C - AISI 304



STAINLESS STEEL HOLLOWWARE

Stainless steel AISI 304 hollowware with minimum thickness 0.6 mm. Autoclavable at 121°C.

LAPA code	INSTRUMENT TRAYS - ANGLED EDGES
Without cover	
LMI 5543	306x196x h 50 mm
LMI 5544	355x254x h 50 mm
LMI 5545	380x304x h 50 mm
LMI 5556	440x320x h 64 mm
With cover	
LMI 5557	306x196x h 50 mm
LMI 5558	355x254x h 50 mm
LMI 5559	440x320x h 64 mm



LAPA code	INSTRUMENT TRAYS ROUND EDGES
Without cover	
LMI 5560	223x126x h 45 mm
LMI 5561	264x172x h 47 mm
With cover	
LMI 5562	223x126x h 45 mm
LMI 5563	264x172x h 47 mm

LAPA code	DENTAL TRAY
LMI 5564	208x109x h 15 mm
INSTRUMENT TRAYS	
LMI 5565	250x160x h 25 mm
LMI 5566	313x218x h 31 mm

LAPA code	MAYO TRAYS - SHALLOW
LMI 5567	254x165x h 18 mm
LMI 5568	350x252x h 16 mm
LMI 5569	432x295x h 19 mm



- LMI 5570 **BED PAN ROUND WITH COVER -** 320x85 mm



- LMI 5571 **DRESSING JAR - 0.5l -** Ø 102x65mm
- LMI 5572 **DRESSING JAR - 1l -** Ø 103x126mm
- LMI 5573 **DRESSING JAR - 2l -** Ø 127x161mm



- LMI 5574 **FORCEPS JAR -** Ø 55xh 140 mm
- LMI 5575 **FORCEPS JAR -** Ø 55xh 180 mm
- LMI 5575 **THERMOMETER JAR -** Ø 33xh 80 mm



- LMI 5576 **BED PAN FRACTURE TYPE -** with ring - 418x292x85 mm



- LMI 5577 **BED PAN FRACTURE TYPE -** with tube handle - 418x292x85 mm



- LMI 5578 **BED PAN PERFECTION TYPE** 354x289x97 mm



- LMI 5579 **MALE URINAL - 1.2 l**



- LMI 5580 **FEMALE URINAL - 1.2 l**



- LMI 5581 **MALE VERTICAL URINAL** Ø 114x220 mm - 1.5 l

DENTAL STAINLESS STEEL INSTRUMENTS

EXTRACTING-FORCEPS - FOR JAWS



LMI 5582
set of 10 perforated
impression trays
(5 lower + 5 upper)



LMI 5589
set of 10 solid impression
trays (5 lower + 5 upper)
Above impression trays sets
have below sizes

		UPPER SIZES mm					
A	B	U1	U2	U3	U4	U5	
		62	60	53	54	52	
A	B	L1	L2	L3	L4	L5	
		63	61	57	60	53	
A	B	83	75	73	69	68	
		82	81	78	74	71	



fig. 1
LMI 5583
upper
17.5 cm



fig. 2
LMI 5584
upper
17.5 cm

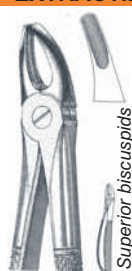


fig. 7
LMI 5585
upper
17.5 cm



fig. 17
LMI 5586
upper
17.5 cm



fig. 18
LMI 5587
upper
17.5 cm



fig. 29
LMI 5588
upper
17.5 cm



fig. 51
LAPA 5589
upper
18.5 cm

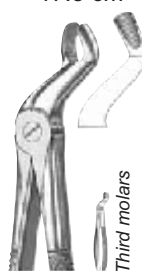


fig. 67
LAPA 5590
upper
18.5 cm



fig. 16
LAPA 5591
lower
18.5 cm



fig. 22
LAPA 5592
lower
15.4 cm



fig. 74N
LAPA 5593
lower
15.1 cm

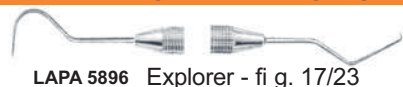


fig. 79
LAPA 5594
lower
17.5 cm



fig. 51
LAPA 5595
lower
18.5 cm

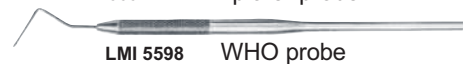
EXPLORER AND PROBES



LAPA 5896 Explorer - fi g. 17/23



LMI 5597 Explorer probe



LMI 5598 WHO probe

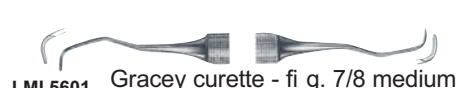
GRACEY AND Mc CALL CURETTES



LMI 5599 Mc Call curettes - fi g. 13/14



LMI 5600 Gracey curette - fi g. 1/2 ant.



LMI 5601 Gracey curette - fi g. 7/8 medium



LMI 5602 Gracey curette - fi g. 11/12 medium



LMI 5603 Gracey curette - fi g. 13/14 post.

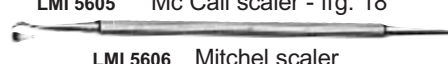
SCALER



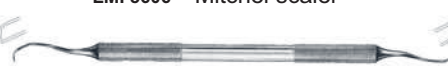
LMI 5604 Scaler - fig. 1



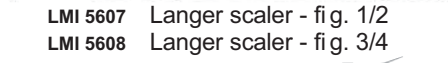
LMI 5605 Mc Call scaler - fig. 18



LMI 5606 Mitchel scaler



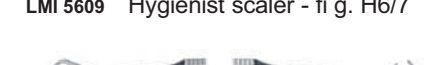
LMI 5607 Langer scaler - fi g. 1/2



LMI 5608 Langer scaler - fi g. 3/4



LMI 5609 Hygienist scaler - fi g. H6/7



LMI 5610 Scaler - fig. 204S

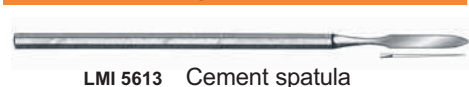


LMI 5611 Periodontia instr. - fi g. ST 2/3

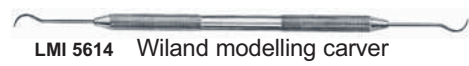


LMI 5612 Periodontia instr.

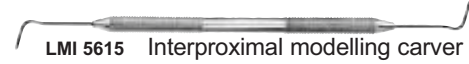
CARVER



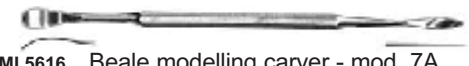
LMI 5613 Cement spatula



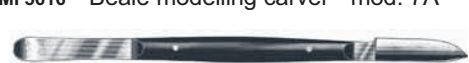
LMI 5614 Wiland modelling carver



LMI 5615 Interproximal modelling carver



LMI 5616 Beale modelling carver - mod. 7A



LMI 5617 Fahrenstock - modelling carver - 13 cm

FORCEPS



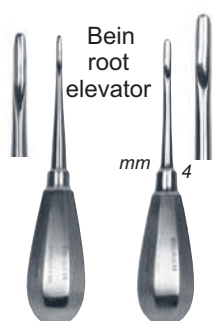
LMI 5618 London college forceps - 15 cm

CARTRIDGE SYRINGE

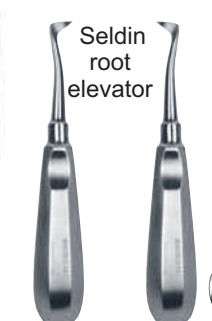


LMI 5619

LMI 5620 Cartridge Syringe - 2.2 cc
with thread in millimeter
with aspiration

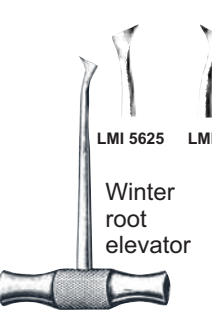


LMI 5621

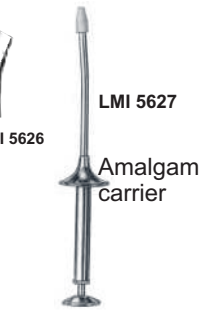


mm 4

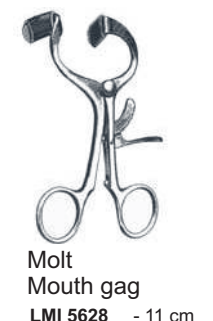
LMI 5622



LMI 5623



LMI 5624



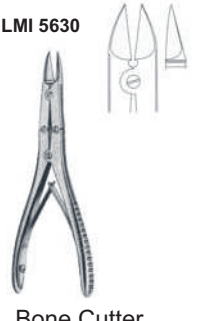
LMI 5627

Amalgam
carrier

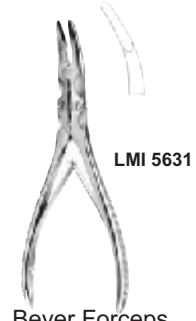
Molt
Mouth gag

LMI 5628 - 11 cm

LMI 5629 - 14 cm



Bone Cutter
- 15 cm



Beyer Forceps
- 18 cm

SMART EMERGENCY BAGS

POLYESTER

MEDICAL BAGS

LMI 5634



LMI 5632

LMI 5633

Shoulder straps included with medium and large bag.

4 pockets (5 for LAPA 5632) 1 or 2 on front, 2 on sides and 1 on back

POLYESTER WITH OUTER PVC COATING



LMI 5636

LMI 5638

LMI 5639

Large pocket on top and shoulder straps included with medium bag



Safe metal buckles



Large 10 mm zips



Rubber bottom with feet



Shoulder straps



LMI 5635

Removable lining for easy cleaning

Large pocket on top



LAPA 5640

Padded bottom and frontal pocket

SMART BAGS: polyester or polyester PVC coated - empty

Professional emergency bags extremely capacious with internal adjustable compartments which permit personalized organization of the space. Provided with external pockets, internal divisions, and one (2 for code LMI 5632) removable pouch with transparent window. All bags are made in strong, water resistant 600D polyester. Available also with outer PVC coating (LMI 5634-8). Provided with double yellow reflective strips. Internal lining is removable for easy cleaning. Waterproof rubber bottom to prevent water infiltration. May be carried on shoulder or hand.

Polyester	Polyester PVC coated	Model	Colour	Size	Internal modular spaces	External pockets
	LAPA 5639	Small	red	45x28xh 28 cm	3	4
		Medium	red	55x35xh 32 cm	6	4
	LAPA 5640	Medium	red	55x35xh 38 cm	6	5
LAPA 5633		Medium	blue	55x35xh 32 cm	6	4
	LAPA 5638	Medium	black	55x35xh 38 cm	6	5
LAPA 5632		Large	red	65x35xh 35 cm	6	5

EMERGENCY BAGS POLYESTER OR POLYESTER PVC COATED

POLYESTER

POLYESTER WITH OUTER PVC COATING



LMI 5641

LMI 5642

LAPA 5643

LAPA 5644

- LAPA 5641 EMERGENCY BAG - polyester - red - 35x45xh 21 cm
 - LMI 5643 EMERGENCY BAG - polyester PVC coated - red - 35x45xh 21 cm
 - LMI 5642 EMERGENCY BAG - polyester PVC coated - blue - 35x45xh 21 cm
- Capacious bag, despite the compact size. Large central compartment, 1 front and 3 lateral pockets. May be carried on shoulder (braces) or hand (2 handles).



2 lateral pockets 22x18 cm and 11x18 cm

Lateral pocket 32x18 cm

Front pocket 35x20 cm

Made in strong, water resistant material (600D polyester). Available also with outer PVC coating (LMI 5666-7). Provided with yellow reflective strips and rubber bottom.

CUBO EMERGENCY BAG

LMI 5645



LMI 5645



LMI 5645

- LMI 5645 **CUBO EMERGENCY BAG - polyester PVC coated - red**
Portable emergency bag with internal and external zip pocket and 2 removable pouches with transparent window. Made in strong, water resistant 600D polyester with outer PVC coating. Provided with double reflective yellow strip. Size: 28x34x13 cm.

LIFE-2 EMERGENCY BAG



LMI 5646



LMI 5646



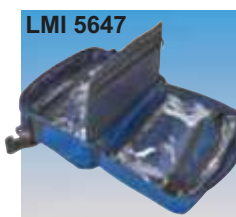
LMI 5646

- LMI 5646 **LIFE-2 EMERGENCY BAG with 5 coloured pouches**
2 section first-aid bag with double opening zip: bottom side with shockproof inner basin, upper side with 5 removable coloured pouches (model E1) with transparent window. Made of strong, water resistant 600D polyester material and provided with reflective yellow strips. Shoulder or hand portable. Size: 47,5x33xh 30 cm.

MEDICATION BAG



LMI 5647



- LMI 5647 **MEDICATION FIRST AID BAG - 31x22x11 cm**
First aid bag provided with 2 internal transparent pockets, one external pocket, internal division with 2 zips on both sides, handle and carrying belt.

HOLSTERS

LMI 5648



have belt loop
All holsters

LMI 5649



LMI 5650

HOLSTERS - EMPTY	SIZE	Colour	
		Red	Blue
Large Holster - with pocket	21x12xh 6.5 cm	LMI 5650	
Flat Holster	19x14xh 1 cm	LMI 5648	LMI 5649

POUCHES WITH VELCRO

Padded back
and front

E5 LMI 5665



E2 LMI 5655



E4 LMI 5663



E3 LMI 5659



Padded back

POUCHES WITH VELCRO

All pouches are provided with a large strip of female velcro on back.
Made in 600D polyester.



E1 LMI 5651



E6 LMI 5669

Model	Size - cm	RED	BLUE	YELLOW	GREEN	Standard with
E1	20x11x8	5651	5652	5653	5654	5646
E2	28x12x10	5655	5656	5657	5758	5676/7/4/5, 5639-8
E3	28x15x11	5659	5660	5661	5662	5680
E4	33x15x11	5663	-	5664	-	5633/6/8
E5	29x19x11	5665	5666	5667	5668	5682
E6	38x10x5	5669	grey colour			

NYLON BAGS IN 5 COLOURS

NYLON BAGS - 22x15.5 cm

Blue	Green	Red	Black	Grey
LMI 5670	LMI 5672	LMI 5673	LMI 5674	LMI 5675
LMI 5671	Same as above with inner foam			



LMI 5671

Provided with zip closure
and external pocket with velcro closure

LOGIC-1 RUCKSACK

LMI 5676



- LMI 5676 LOGIC-1 RUCKSACK - polyester - medium - 40x20xh 47 cm

Supplied with 5 coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Provided with yellow reflective strips.



LMI 5679



LOGIC-2

POLYESTER

LMI 5677



- LMI 5677 LOGIC-2 RUCKSACK - polyester - large - 40x25xh 47 cm

Rucksack made in strong water resistant 600D polyester. Available also with PVC outer coating (LMI 5678 only). Supplied with 6 coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Central division with zip and elastics. Provided with yellow reflective strips and shoulder straps.



LMI 5680



LMI 5681



LAPA 5678

POLYESTER WITH OUTER PVC COATING

AMBULANCE RUCKSACK

LMI 5682



Large 10 mm zips

LMI 5682

- LMI 5682 AMBULANCE RUCKSACK - polyester

Modular extra large rucksack provided with 8 internal pouches, 4 coloured with handle (model E5) and 4 coloured with transparent window (model E2). Velcro internal strips for pouches fitting. Provided with double yellow reflective strip. Size: 40x30xh 57 cm

LMI 5682



Rubber bottom



SILOS-2 RUCKSACKS



LMI 5683

Velcro removable plate



LMI 5684

POLYESTER

POLYESTER WITH OUTER PVC COATING

- LMI 5683 SILOS-2 RUCKSACK - polyester - blue - 38x24xh 50 cm
- 27169 SILOS-2 RUCKSACK - polyester PVC coated - red - 38x24xh 50 cm

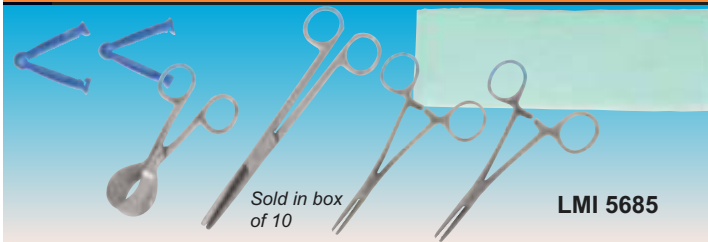
Professional rucksacks made in strong water resistant 600D polyester and with PVC outer coating (LMI 5684 only)

- removable compartment with 4 transparent pockets and many elastic strips
- central storage space with 3 pockets, velcro strips and elastic strips
- two external pockets with elastic strips and velcro strips: one 35x16 cm, one 35x32 cm with 4 internal transparent pockets
- rubber bottom with 4 feet
- two removable external plates for printing name
- comfortable back shoulder straps and plastic handle on both sides.

LMI 5684



DELIVERY SETS



• LMI 5685 DELIVERY PACK - sterile - 7 pcs

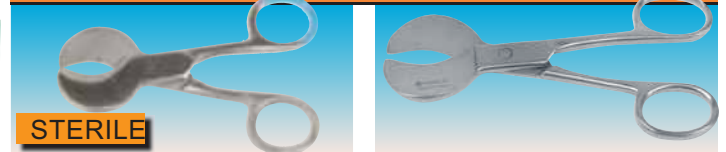
Umbilical scissors - 10.5 cm - US model 2x Spencer Wells artery forceps - straight - 13 cm
Mayo gynaecological scissors - straight - 17 cm 2x Umbilical cord clamps. Super crepe sheet



• LMI 5687 MINOR DELIVERY SET - 25 pcs

Kidney Dish 20 cm (8") - medium
Kidney Dish 25 cm (10") - large
Gallipot 150 ml - 6 oz - medium
Brown Sadler episiotomy scissors - 14 cm
Kocher artery forceps straight - 16 cm
Kocher artery forceps straight - 18 cm
Kocher artery forceps curved - 16 cm
English TOE dissecting forceps plain - 14 cm
English TOE dissecting forceps plain - 18 cm
Dissecting forceps toothed 1x2 - 14 cm
2 operating scissors sharp/blunt - straight - 15 cm
2 operating scissors sharp/blunt - curved - 15 cm
2 rampley sponge holding forceps - str. - 24 cm
Museux Vulsellum forceps 8 mm - str. 24 cm
3 Cusco vaginal specula - small, medium, large
3 Sims vaginal specula - small, medium, large
Umbilical scissors USA Patent - 10.5 cm
Instrument tray with lid 45x30x6.2 cm

S/S UMBILICAL SCISSORS



• LMI 5686 UMBILICAL SCISSORS • LMI 5687 S/S UMBILICAL SCISSORS
Straight - 10.5 cm - US model - box of 25 Straight - 10.5 cm - US model

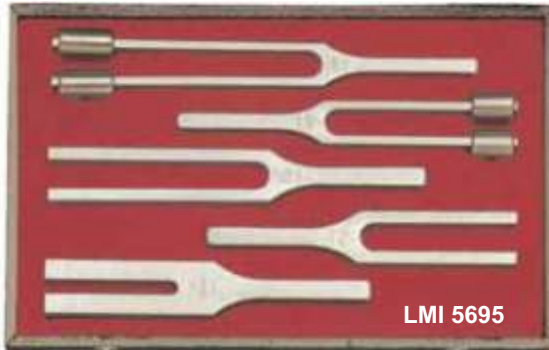
UMBILICAL CLAMP



• LMI 5688 X-SAFE UMBILICAL CORD CLAMP - sterile - box of 500
Disposable umbilical cord clamp to allow a proper clamping of all umbilical cords and prevent their outcoming from the closing comb. Individually packed in coupled cellophane (nylon/polyethylene) and medical paper to ensure safe hygienic conditions to user. Sterilized by ethylene oxide. Made in Europe.

Extra safe clamp
avoid accidental
re-opening.
Can be
re-opened
only by cutting
back side

PAKISTAN-MADE DIAPASONS - TUNING FORKS



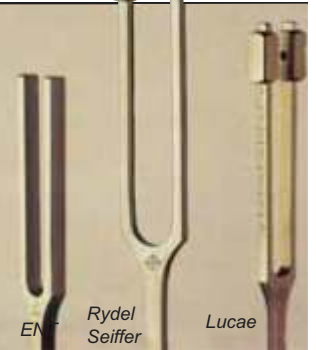
LMI 5695



LMI 5697

LMI 5698

LMI 5696



LMI 5696

LMI 5698

LMI 5697

ENT TUNING FORKS:

All made in Germany, with age-long craftsmanship experience, in special alloy that ensures maximum sound precision.

LAPA code	ENT TUNING FORKS
LMI 5689	Tuning fork 128 Hz* - with weight
LMI 5690	Tuning fork 256 Hz* - with weight
LMI 5691	Tuning fork 512 Hz
LMI 5692	Tuning fork 1024 Hz
LMI 5693	Tuning fork 2048 Hz
LMI 5694	Tuning fork 4096 Hz
LMI 5695	Set of 5 tuning forks in a stylish lined case (contains 128 Hz*, 256 Hz*, 512 Hz, 1024 Hz, 2048 Hz). Tuning forks with asterisk * are supplied with weight

ENT/NEUROLOGY TUNING FORKS

All made in a special alloy and supplied with base.

LAPA code	ENT/NEUROLOGY TUNING FORKS
LMI 5696	Tuning fork a1-440 Hz - ENT - 90 g
LMI 5697	Tuning fork - LUCAE - 85 g adjustable from c128 to h240 with foot
LMI 5698	Tuning fork C64, c128 - RYDEL SEIFFER detachable slider either C64 or c128 - 130 g
LMI 5699	Hammer neurotone 5 in a lined case

Neurotone hammer: set of 5 components for a complete neurological examination: percussion hammer + tuning fork 256 Hz with weight + pin + brush. All fitted in a stylish case.

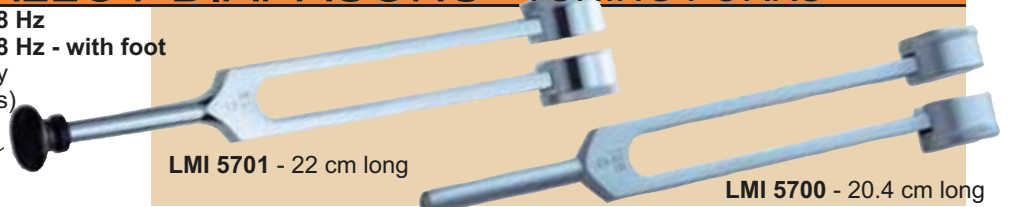
LMI 5699



ALUMINIUM ALLOY DIAPASONS - TUNING FORKS

• LMI 5700 ALUMINIUM TUNING FORK 128 Hz
• LMI 5701 ALUMINIUM TUNING FORK 128 Hz - with foot
Made of finest aluminium alloy and precisely shaped to meet highest requisites (standards) in medical field.

Resting pad
for forehead



LMI 5701 - 22 cm long

LMI 5700 - 20.4 cm long

MINI 3000 XHL AND LED OTO AND OPHTHALMOSCOPE



DIAGNOSTICS

LMI 5706
LMI 5709
LMI 5704



LMI 5708



LMI 5710
LMI 5711



Ophthalmoscope with 5 different apertures

- Large spot for normal fundus examinations.
- Small spot to access small pupils
- Fixation star for determination of central or eccentric fixation.
- Especially suited for examining children.
- Hemispace for reduced reflection with small pupils.
- Red-free filter for contrast-enhancement when assessing the vascular disorders



LMI 5712 LMI 5713

MINI 3000 F.O. XENON OTOSCOPES

Powerful pocket otoscope in a unique compact design.

- **Xenon halogen** bulbs for bright illumination and accurate colour rendering.
- **20,000** on/off switch cycles guaranteed
- **distal Fiber Optic (F.O.) Illumination:** Reflex-free illumination of tympanum and ear canal
- **viewing window with 3X magnification and optimized casing surface** for razor-sharp images and minimal reflection.
- **Swivelling viewing window built into instrument.**
- **pneumatic testing** of the tympanum mobility by using the insufflation port and an optional connector.
- **attachment clip with integrated on/off switch.**
- **replaceable batteries:** size AA

2-piece handle and head. Easy to maintain, flexible. Compatible with other handles.

MINI 3000 F.O. LED OTOSCOPES

All features of F.O. Xenon otoscopes with the addition of:

- **maintenance-free**, no need to ever change the LED.
- LED thermal management for a **consistent light output throughout the whole working life.**
- High-performance-LED: bright and absolutely homogeneous illumination with excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- **twice as bright as** Xenon Halogen instruments.
- **exclusive Battery Performance Indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace.
- **operation time up to 10 hours**

MINI 3000 OTOSCOPES 2.5 V				
	BLACK		BLUE	
	LAPA code	code	LAPA code	code
Standard	LMI 5709	D-001.70.210	LMI 5701	D-001.70.210
F.O. Xenon	LMI 5704	D-001.70.110	LMI 5705	D-001.70.110
F.O. LED	LAPA 5706	D-008.70.110	LMI 5707	D-008.70.110

MINI 3000 OTOSCOPE 2.5 V - RECHARGEABLE HANDLE**				
F.O. Xenon	LMI 5702	D-001.70.301	-	-
F.O. LED	LAPA 5703	D-008.70.301	-	-

Above otoscopes are supplied in a box with 5 disposable speculum Ø 4 mm and 5 Ø 2.5 mm

MINI 3000 OTOSCOPE 2.5 V - hard case				
F.O. LED	LAPA 5708	D-885.20.021	-	-

Supplied in hard case with 5 disposable speculum Ø 4 mm, 5 Ø 2.5 and 4 reusable speculum (Ø 2.4, 3, 4, 5 mm)

MINI 3000 XENON OPHTHALMOSCOPES

Modern pocket ophthalmoscope with fixation star aperture.

Excellent optics and best colour rendering in minimum size.

- **XHL Xenon Halogen Technology.** Concentrated bright light for perfect illumination, a brilliant image and accurate colour rendering.
- **the HEINE optics produce crisp, clear images of the whole area under examination** and minimize the reflections.
- **5 different apertures.** A full-function instrument incl. fixation star.
- **grey filter** for light sensitive patients.
- **range of lenses: 18 lenses from -20 D to +20 D.**
- **easy workflow**, because ophthalmoscopy is possible without dilation of the pupils.
- **attachment clip with integrated on/off switch.**
- **replaceable batteries.** Size AA

MINI 3000 LED OPHTHALMOSCOPES

All features of Xenon ophthalmoscope with the addition of:

- **maintenance-free**, no need to ever replace the LED.
- LED thermal management for a **consistent light output throughout the whole working life.**
- high-performance-LED: bright and absolutely homogeneous illumination with an excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- **exclusive battery performance indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace
- **operation time up to 10 hours.**

MINI 3000 OPHTHALMOSCOPES 2.5 V				
	BLACK		BLUE	
	LAPA code	code	LAPA code	code
Xenon	LMI 5710	D-001.71.120	LMI 5707	D 001.71.120
LED	LAPA 5711	D-008.71.120	-	-
MINI 3000 OTO-OPHTHALMO SET - hard case				
Xenon Set	LMI 5712	D-873.11.021	-	-
LED Set	LMI 5713	D-886.11.021	-	-

Both set (Xenon or LED) include one F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula (Ø 2.4, 3, 4, 5 mm), 5 disposable specula Ø 4 mm and 5 Ø 2.5 mm in hard case.



International
Organization for
Standardization



F.O. DIAGNOSTIC SETS

SIGMA otoscopes and ophthalmoscopes are high quality pocket diagnostic instruments designed for professional use in ENT and ophthalmology. Light weight and manufactured from impact resistant re-enforced plastic.

Supplied in deluxe rigid plastic cases or pouch (LMI 5714 with 14 disposable specula (7 with Ø 2.5 mm, 7 with Ø 4 mm).

- LMI 5714 F.O. OTOSCOPE 2.5 V - pouch - black
- LMI 5715 F.O. OTOSCOPE 2.5 V - pouch - blue
- LMI 5716 F.O. OTOSCOPE 2.5 V - case - black
- LMI 5717 F.O. LED OTOSCOPE 2.5 V - case - black
- LMI 5718 F.O. LED OTOSCOPE 2.5 V - case - blue

Manufactured with high quality materials and top-notch workmanship ensures excellent reliability in every examination.

Battery life with Led bulb (LMI 5717) 6 time longer than with traditional bulb

- distal fibre optic illumination with super bright Xenon/Halogen light or LED light.
- swivel type window with 3X magnification lens for sharp images and minimal reflection
- insufflation port for pneumatic testing of tympanic mobility.

Connector port (code LMI 5726 and insufflation bulb (code LMI 5727) should be ordered separately.

- LMI 5719 F.O. OPHTHALMOSCOPE 2.5 V - case - black
- LMI 5720 LED OPHTHALMOSCOPE 2.5 V - LED light 85,000 LUX - bulb estimated life 50,000 hours - case - black

Top quality ophthalmoscope with 5 different apertures for almost all ophthalmic examinations. High quality optics in mini format makes this instrument ideal for house calls and rounds.

- enhanced xenon/halogen super bright light
- 5 different apertures

Large spot: for normal funduscopy

Small spot: for reduced reflection with small pupils

Semi circle: for reduced reflection with small pupils

Fixation star: for determination of central or eccentric fixation, suitable for examining children

Red-free filter: for contrast-enhancement when assessing fine vascular disorders

- range of lenses from -20 D to +20 D

- LMI 5721 F.O. OTOPHTHALMOSCOPE SET 2.5 V - case with 1 handle - black
 - LMI 5722 F.O. OTOPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles - black
 - LMI 5723 F.O. LED OTOPHTHALMOSCOPE DELUXE SET 2.5 V - case with 2 handles
- Oto-ophthalmo sets are supplied with oto and opthalmo head, 1 handle (LMI 5721) or 2 handles (LMI 5722, 31534) and 14 disposable speculum (7x2.5 and 7x4 mm)
- LMI 5724 OTOSCOPE BULB - xenon - halogen 2.5 V
 - LMI 5725 OPHTHALMOSCOPE BULB - xenon - halogen 2.5 V
 - LMI 5726 PNEUMATIC CONNECTOR PORT
 - LMI 5727 INSUFFLATION BULB



LMI 5714

LMI 5719

LMI 5714

LMI 5716

FIBRE OPTIC
OR F.O. LED

Large spot Small spot Semi circle Fixation star Red free filter



Colour coded 18 lenses for excellent resolution

+	1	2	3	4	6	8	10	15	20
-	1	2	3	4	6	8	10	15	20

LED features

- colour temperature: 5,000°K
- CRI > 80
- real colours definition
- 85,000 LUX
- bulb estimated life 50,000 hours

LAPA 5718

LMI 5719

LMI 5721

LMI 5722, LMI 5723



International
Organization for
Standardization



K100 HALOGEN OTOSCOPE



LMI 5728

QUALITY
WARRANTY

• LMI 5728 K 100 HALOGEN OTOSCOPE - 2.5 V - B-245.10.118

Otoscope with BETA battery 2.5 V handle with rheostat, high-impact polycarbonate housing and 3 reusable specula (Ø 3.5, 4.5, 5.5) in nylon pouch. XHL (Xenon Halogen Technology), extremely bright, white light. Acrylic viewing window with 3X magnification, insufflation port for tympanic test.

K180 OTO-OPHTHALMO



LMI 5729

• LMI 5729 K180 - F.O. OTO-OPHTHALMO SET - 2.5 V - A-279.10.118

Otoscope and ophthalmoscope K180 with BETA battery 2.5 V handle and a set of single use specula. Supplied in hard case.

• LMI 5730 K180 OPHTHALMOSCOPE - 2.5 V C-182.10.118

28 lenses from -35D to +40D supplied in pouch

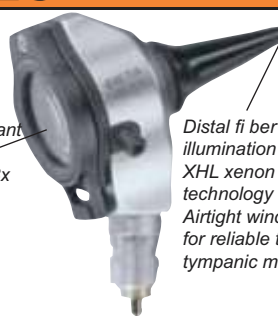


BETA 200 F.O. OTOSCOPES



LMI 5731
LMI 5732
LAPA 5733

Large,
scratch-resistant
glass viewing
window with 3x
magnification



BETA 200,
BETA 400
OTOSCOPE
HEAD

Distal fiber optic (F.O.)
illumination with
XHL xenon halogen
technology
Airtight window seal
for reliable test of
tympanic mobility



Handle with charge
status display



• LMI 5731 BETA 200 F.O. OTOSCOPE - 2.5V - B-141.10.118

F.O. Otoscope with BETA battery 2.5V handle with rheostat, a set of single use specula, a set of reusable specula and a spare bulb. Supplied in hard case. Solid all metal construction, a quality instrument with fibre optic illumination.

• LMI 5732 BETA 200 F.O. OTOSCOPE - 3.5V Li-ion L - B-141.29.420

Same as code 31725 but with 3.5V rechargeable handle with charging status display, Li-ion battery and charging station (34449).

• LMI 5733 BETA 400 LED F.O. OTOSCOPE - B-143.24.420

Exclusive 4.2X magnification.

LED in HQ with continuous brightness control.

All metal housing and scratch resistant glass lenses.

Colour temperature: 3,500 K. Colour rendering index (CRI) >97.

Exceptional depth of field, provides sharp spatial image.

LED otoscope with rechargeable handle supplied with 4 reusable speculum, 5 of both All Spec disposable speculum 2.5 and 4 mm Ø in a case

BETA 200 AND 200S OPHTHALMOSCOPES



LMI 5734



6 standard diaphragms: slit, fixation star with polar co-ordinates, cobalt blue filter, large spot, small spot, hemi spot



6 diaphragms with green filter

+ in 1 D steps 1 - 10 | 15 | 20 | 40 | D
- in 1 D steps 1 - 10 | 15 | 20 | 25 | 35 | D

• LMI 5734 BETA 200 HALOGEN OPHTHALMOSCOPE - 2.5 V - C-144.10.118

The unique aspherical optic system eliminates corneal and iris reflexes. The illuminated area of the retina remains fully visible even in case of small pupil (bright light). BETA 200 has 6 diaphragms with separately "green filter". It is recommended for small or expanded pupils; suitable for slit or fluorescent ophthalmoscopy as well as for fixation test. Range -35D to +40D. Supplied in hard case with replacement bulb.

• LMI 5735 BETA 200 F.O. OPHTHALMOSCOPE - 3.5 V Li-ion - C-144.27.388

Same as 31730 but with USB rechargeable handle for mains socket and Li-ion batteries.

LMI 5734



• LMI 5736 BETA 200S OPHTHALMOSCOPE - 2.5 V - C-261.10.118

• LMI 5737 BETA 200S LED OPHTHALMO - 3.5 V with USB rechargeable handle - C-261.28.388

Superior aspherical optics and 74 single-diopter steps

- optical system: corneal and iris reflexes are eliminated.

A full view is guaranteed even with small pupils.

- XHL (Xenon Halogen Technology) or LED: bright, white light.

- recessed, multi-coated viewing window: avoids stray light.

- optics mounted on precision metal chassis.

- ergonomic shape: instrument fits the orbita comfortably in any position.

- 7 apertures with separate red-free filter:

- lens range: perfect focus even with high refractive errors.

- exact colour rendering



Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemispace



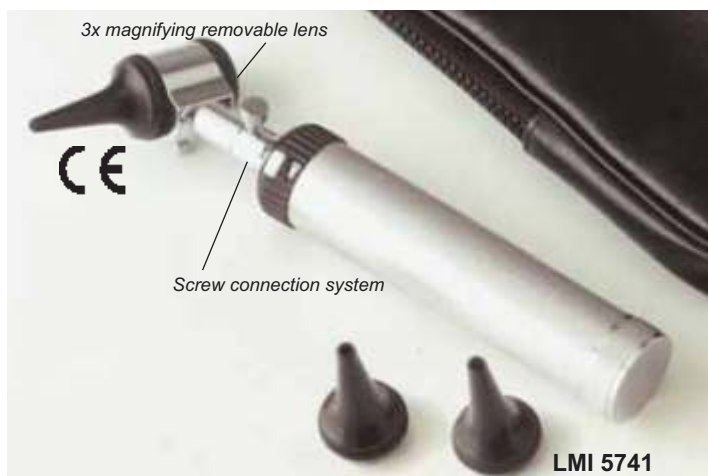
With red-free filter: Cobalt blue filter, fixation star with polar coordinates, large spot, small spot, pinhole, slit, hemispace



74 single diopters steps
+ in 1 D steps: +1
through +38 D
- in 1 D steps: -1
through -36 D

OTOSCOPES: PARKER LINE

VETERINARY OTOSCOPES AND SETS SEE PAGE 370



PARKER OTOSCOPES

- reliable and indestructible high quality instrument
- suitable for everyday ear nose and throat examinations
- easily adjustable 2.5 V vacuum light (made in Germany)
- quality 3 times magnifying lens
- available with Plug in and snap (bayonet locking) or knurled screw type otoscope heads
- ideal for pneumatic tympanic membrane tests, can also be used for rhinoscopic examinations
- supplied with 3 autoclavable ear funnels in a colour coordinated zip bag.

All latex free.

- require 2xC batteries (not included)

LMI 5742 also works with rechargeable battery

• LMI 5745 PARKER DIAGNOSTIC SET

Lightweight, semi rigid nylon case with one Parker otoscope 2.5 V with rechargeable handle, 3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors (size 3 and 4), bent arm throat lamp, tongue spatula, adjustable nasal speculum.

• LMI 5746 PARKER LARGE SET WITH OPHTHALMO

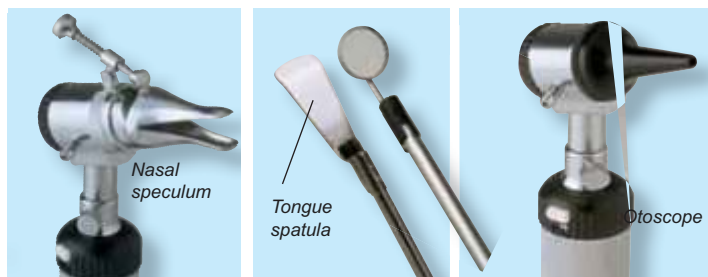
Same as code LMI 5745 with an ophthalmoscope head, support for single use tongue depressors and 2 tubes of single use specula.

• LMI 5747 vacuum bulb for ophthalmoscope

• LMI 5748 vacuum bulb for otoscope

• LMI 5749 "C" alkaline batteries - blister of 2 pcs

• LMI 5744 RECHARGEABLE LI-ION BATTERY 2.5 V



LAPA code	PARKER OTOSCOPES	Connection system	Ear Funnels
LAPA 5738	Parker colour - green	Bayonet	Ø 2.5, 3.5, 4.5 mm
LMI 5739	Parker colour - blue	Bayonet	Ø 2.5, 3.5, 4.5 mm
LMI 5740	Parker colour - yellow	Bayonet	Ø 2.5, 3.5, 4.5 mm
LMI 5741	Parker - black	Screw	Ø 2.5, 3.5, 4.5 mm
LMI 5742	Parker with rechargeable handle	Bayonet	Ø 2.5, 3.5, 4.5 mm
LMI 5743	Spare bulb 2.5 V for Parker otoscopes LMI 5738-6-7, LMI 5741-1-2		
LMI 5744	Rechargeable Li-ion battery 2.5 V / 2,200 mAh		

PARKER DIAGNOSTIC SETS



LED OTOSCOPE - PEN LIGHT

• COMBI SET

Dual function instrument features convertable diagnostic pen light and mini-otoscope with 3 different sizes of funnels or specula.

White Led light. Packed in a gift box.

Pupil gauge and dual slide rule printed on the penlight.

Supplied with batteries (2xAAA).

• LMI 5751 "AAA" ALKALINE BATTERIES - blister of 4 pcs

• LMI 5752 REUSABLE EAR SPECULUM 2.0 mm - bag of 25

• LMI 5753 REUSABLE EAR SPECULUM 4.0 mm - bag of 25



XENON-HALOGEN OTO AND OPHTHALMOSCOPE SET



LMI 5754

Rechargeable handle for use with 2xC batteries or rechargeable battery (5744)

- **LMI 5754 XENON-HALOGEN PARKER OTOSCOPE**
Same as PARKER Oscope code LMI 5741 but with halogen 2.5V bulb, and bayonet connection system. Supplied with 3 autoclavable ear funnels in a soft bag. Requires 2xC batteries (not included) or rechargeable battery.
- **LMI 5755 HALOGEN OPERATIVE PARKER OTOSCOPE**
Same as 31475 but with operative head.
- **LMI 5756 HALOGEN PARKER OPHTHALMOSCOPE**
2.5V halogen light for true tissue colour and consistent, long lasting illumination 24 colour coded lenses -25 to +40 dioptries for excellent resolution (green for +, red for -). Rubber eye brow rest to prevent scratching of eye-glasses. Illumination lens dial for clear identification of dioptric setting.
- **LMI 5757 HALOGEN OTO-OPHTHALMOSCOPE PARKER SET**
Diagnostic set including one handle, one halogen otoscope head and one halogen ophthalmoscope head, all in a plastic case.
- **LMI 5758 XENON-HALOGEN BULB FOR OTOSCOPE 2.5V**
- **LMI 5759 XENON-HALOGEN BULB FOR OPHTHALMOSCOPE 2.5V**
- **LMI 5744 RECHARGEABLE LI-ION BATTERY 2.5 V / 2,200 mAh**
- **LMI 5749 "C" ALKALINE BATTERIES - blister of 2 pcs**



Supplied in a semi-rigid nylon bag with multilingual box and manual (GB, FR, IT, ES, PT, DE, GR, Arabic)



LAPA 5756



LAPA 5755



LMI 5757

All products are latex free.

+	1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 40
-	1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25

XENON-HALOGEN DIAGNOSTIC SETS IN RIGID CASES

- **LMI 55760 XENON-HALOGEN DIAGNOSTIC SET - 3.5 V**
Both xenon-halogen sets are supplied in plastic rigid case containing: one ophthalmoscope head, 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm, two laryngeal mirrors (size 3 and 4), adjustable nasal speculum, bent throat lamp, tongue spatula.



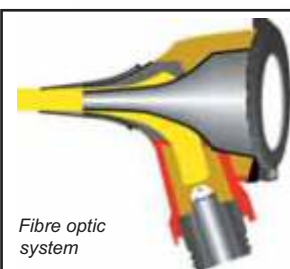
Operative otoscope head



LMI 5760

FIBRE OPTIC XENON-HALOGEN OTOSCOPES

- **LMI 5761 F.O. OTOSCOPE - black**
 - **LMI 5762 F.O. OTOSCOPE - blue**
 - **LMI 5763 F.O. OTOSCOPE - green**
- High professional plastic otoscopes with extra bright halogen light provided by fibre optic system. Quality 3 times magnifying movable lens. Output for pneumatic membrane test. Supplied with 14 single use mini speculums (7 Ø 2.5 and 7 Ø 4 mm) in a colour coordinated nylon bag. For mini ear-speculum see at page 220. All latex free.



Fibre optic system

- **LMI 5724 XENON-HALOGEN BULB 2.5V**
Old model with chrome insufflation adapter need below bulb
- **LMI 5758 XENON-HALOGEN BULB 2.5V for old models**



LMI 5762

LMI 5763

LMI 5761



Insufflation adapter

GLASS-METAL, ALL-METAL AND SINGLE-USE EAR SYRINGES

ALL-METAL SCHIMMELBUSCH SYRINGES

High quality, reliable and accurate syringes. Schimmelbusch come complete with 3 cannulas and ear bowl. Individually packed in cardboard box. Made in Germany.

LAPA code	ALL-METAL SYRINGES COMPLETE WITH 3 CANNULAS AND EAR BOWL
LMI 5764	Schimmelbusch 50 cc
LMI 5765	Schimmelbusch 100 cc
LMI 5766	Schimmelbusch 200 cc
LMI 5767	Spare cannula for Schimmelbusch (conical shape)
LMI 5768	Spare cannula for Schimmelbusch (olive shape) small
LMI 5769	Spare cannula for Schimmelbusch (olive shape) large



MADE IN
PAKISTAN

STAINLESS STEEL UTILITY AND BANDAGES SCISSORS



Plastic coloured finger-contour handles for maximum comfort.

All purpose, first aid scissors, easily cut bandages, leather and plaster casts. Autoclavable at 136°C

UTILITY SCISSORS			
12 cm - 4.7"	16.5 cm - 6.5"	19 cm - 7.5"	Colour
LMI 5770	LMI 5770-1	LMI 5770-2	Black
-	LMI 5771	LMI 5771-1	Blue
-	LMI 5772	LMI 5772-1	Red
-	LMI 5773	LMI 5773-1	Purple
-	LMI 5774	LMI 5774-1	Pink

LISTER BANDAGE S/S SCISSORS



LISTER BANDAGE SCISSORS			
LAPA code	STAINLESS STEEL	LAPA code	FANTASY - COLOURED RING
LMI 5775	Lister - 11 cm	LMI 5781	Lister - Green ring - 14 cm
LMI 5776	Lister - 15 cm	LMI 5782	Lister - Lilac ring - 14 cm
LMI 5777	Lister - 18 cm	LMI 5783	Lister - Foot print - 14 cm
LMI 5778	Lister with belt clip - 14 cm	LMI 5784	Lister - Leopard - 14 cm
LMI 5779	Lister tungsten carbide - 14 cm	LMI 5785	Lister - Bubble - 14 cm
LMI 5780	Lister tungsten carbide - 18 cm	LMI 5786	Lister - Hearts - 14 cm



STANDARD LARYNGOSCOPE BLADES AND SETS - 2.5 V

McINTOSH BLADES

LMI 5796

LMI 5794

FIRST AID - PARAMEDICAL - EMERGENCY

LMI 5793

LMI 5795

LMI 5792

MILLER

LMI 5791

LMI 5789

LMI 5790

LMI 5788

LMI 5787

OX Y
connection

CE



LMI 5802

QUALITY
WARRANTY

- Great features of the unique LAPA blades and handles
- standard 2.5 V vacuum bulb
 - light ergonomic, satin finish handle to reduce glare
 - Stainless Steel contacts guarantee long working life
 - easy sterilization ETO or steam
 - full range of Mc Intosh & Miller blades, latex free
 - ISO 7376 fittings allow use of blades with existing handles
 - set is packaged in an anti-shock case and in cardboard box
 - 2.5 V handles work with both alkaline batteries or rechargeable batteries
 - good light transmission of 3,500 LUX with 2.5 V handles
 - autoclavable up to 134° for 5 minutes (approx. 2,000 times)
 - non magnetic blades and handles

LAPA code	STANDARD RECHARGEABLE SETS (HANDLE+BLADES)
LMI 5797	Pediatric set 2 blades MILLER 0-1
LMI 5798	Pediatric set 3 blades MILLER 00-0-1
LMI 5799	Pediatric set 3 blades MILLER 0-1, Mc INTOSH 0
LMI 5800	Doctor set 3 blades MILLER 1, 2, 3
LMI 5801	Adult set 3 blades Mc INTOSH 2-3-4
LMI 5802	Adult set 4 blades Mc INTOSH 1-2-3-4
LAPA code	BULBS, BATTERIES AND RECHARGEABLE HANDLES
LMI 5803	Small handle - pediatric (2xAA) - 2.5 V
LMI 5804	Large handle - adult (2XC) - 2.5 V
LMI 5805	Small Bulbs for MAC N°0 and MILLER N°00,0,1
LMI 5806	Large Bulbs for MAC N°1,2,3,4 and MILLER N°2,3

LAPA code	STANDARD BLADES	Overall Length mm	Distal Width mm
LMI 5787	Blade N° 00 MILLER OXY - premature	65	12.5
LMI 5788	Blade N° 0 MILLER - premature/newborn	78	11.5
LMI 5789	Blade N° 1 MILLER - babies	102	11.5
LMI 5790	Blade N° 2 MILLER - adults	155	16.5
LMI 5791	Blade N° 3 MILLER - adults/large	195	16.5
LMI 5792	Blade N° 0 Mc INTOSH - newborn	80	13
LMI 5793	Blade N° 1 Mc INTOSH - babies	92	14
LMI 5794	Blade N° 2 Mc INTOSH - infants	100	14
LMI 5795	Blade N° 3 Mc INTOSH - adults	130	18
LMI 5796	Blade N° 4 Mc INTOSH - adults/large	155	18



LMI 5805

LMI 5806



LMI 5803

LMI 5804

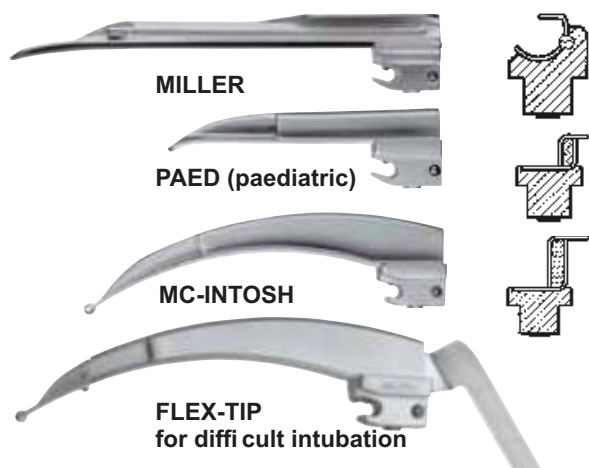


F.O. XHL OR LED LARYNGOSCOPES

FIRST AID - PARAMEDICAL - EMERGENCY

F.O. XHL OR LED LARYNGOSCOPES

The range of F.O. blades with Fibre bundle with over 6,500 individual micro-fibres offer improved light transmission and longer life. together with the innovative light the handle or the traditional Blue, the exclusive Fiber Optic bundle with up to 4.3 mm of Ø offer 3X or 40% brighter light as with other conventional bulbs.



LAPA code	FIBRE OPTIC BLADES	Overall length	Distal length
LMI 5807	MILLER 00	76 mm	9.5 mm
LMI 5808	MILLER 0	80 mm	10.5 mm
LMI 5809	MILLER 1	100 mm	11.5 mm
LMI 5810	MILLER 2	152 mm	13 mm
LMI 5811	PAED 0	82 mm	12 mm
LMI 5812	PAED 1	95 mm	13 mm
LMI 5813	MAC 0	82 mm	9 mm
LMI 5814	MAC 1	93 mm	11 mm
LMI 5815	MAC 2	115 mm	13 mm
LMI 5816	MAC 3	135 mm	15 mm
LMI 5817	MAC 4	155 mm	15 mm
LMI 5818	MAC 5	176 mm	15 mm
LMI 5819	MAC 3 - Flex Tip+	115 mm	13.2 mm
LMI 5820	MAC 4 - Flex Tip+	137 mm	13.2 mm

STANDARD LARYNGOSCOPE HANDLES AND ACCESSORIES

LMI 5821	Slim F.O. handle 2.5 V - pediatric
LMI 5822	Short F.O. handle 2.5 V - pediatric and obese
LMI 5823	Standard F.O. handle 2.5 V
LMI 5824	Standard F.O. handle 2.5 V LED
LMI 5825	Spare bulb 2.5 V for LMI 5819, LMI 5820, LMI 5818
LMI 5826	Spare bulb 3.5 V

RECHARGEABLE LARYNGOSCOPE HANDLES AND BATTERIES

LMI 5827	Pediatric LED handle 2.5 V Li-ion rechargeable
LMI 5828	Standard F.O. handle 3.5 V Li-ion - rechargeable
LMI 5829	Standard LED handle 3.5 V Li-ion - rechargeable
LMI 5830	Re-chargeable 2.5 V battery pediatric for 34371
LMI 5831	Re-chargeable 3.5 V battery for 34372-3, 34402, 34367

FIBRE OPTIC LARYNGOSCOPE SETS with 2.5V handle

LMI 5832	3 blades set with paed 1, mac 2, mac 3, XHL handle
LMI 5833	4 blades set with paed 1, mac 2, mac 3, mac 4, XHL handle
LMI 5834	4 blades set with paed 1, mac 2, mac 3, mac 4, LED HQ handle
with 3.5V rechargeable handle	
LMI 5835	3 blades set with paed 1, mac 2, mac 3, LED HQ rechargeable handle

STANDARD HANDLE 3.5V LED Li-ion

Rechargeable 3.5V F.O. LED handle with charge status display in bottom cap. State of charge is indicated for 10 seconds after switching on or after removing from the charger. Two hours charging time with NT4 charger, up to 13 hours ON time.

LED HQ
LED NOW IN HIGHER QUALITY



LED HANDLE:
- 5,000 Kelvin
- 12,000 LUX at 40 mm
- 50,000 hours bulb life

Handle with charge



MD SCOPE VET VIDEO OTOSCOPE



MD SCOPE VET VIDEO OTOSCOPE

Instant View

A clear and sharp image can be acquired and displayed instantly on a built-in screen. Just press a single button and wait for 3 seconds.

Real Time Interaction

The medical image can be captured and displayed simultaneously on TV monitor or downloaded to Mac/PC system.

Electronic medical record

A medical image is automatically generated to support most of the stand-alone health information system. Probes and accessories at page 208.

TECHNICAL SPECIFICATIONS

2.4" colour LCD display
Video out port
Size/weight: 8x20 cm (2.5"x8") - 218 g
Battery lifespan: 4 hours



LMI 5837

• LMI 5836 VET MD SCOPE PACK 3 cameras

- 3 camera probes 75/150/300 mm
- image dangle
- cable set
- 2 AA alkaline batteries
- LMI 5834 CRADLE



HEINE VET OTO AND OPHTHALMO



LMI 5835

• LMI 5838 BETA OTOSCOPE SET 2.5

Set complete with slit illumination head, 1 set long closed metal specula (57x4,65x6,90x7 mm), 1 spare bulb, hard case.

• LMI 5839 BETA 200 VET F.O. XHL OTO-OPHTHALMO SET 2.5 V

Set complete with:

- Beta 200 ophthalmoscope, Beta 200 vet otoscope
- 3 reusable Sanalons vet specula 61x Ø 4/6/9 mm
- 1 spare bulb for each instrument
- zipper case

• LMI 5840 077 OTOSCOPE BULB 2.5 V - spare

• LMI 5841 069 OPHTHALMOSCOPE BULB 2.5 V - spare

F.O. XHL XENON HALOGEN TECHNOLOGY



LMI 5839

VET OTOSCOPES, OPHTHALMO AND DIAGNOSTIC SETS



LMI 5842

Open otoscope head is supplied with codes 5849, 5848, 5850

LMI 5843

- LMI 5842 PARKER VETERINARY OTOSCOPE
Includes: kit of 3 reusable plastic cannulas (5844)



LMI 5844



LMI 5845



LMI 5848

• LMI 5848 XENON HALOGEN DIAGNOSTIC SET

Includes: xenon halogen open otoscope head+handle, xenon-halogen ophthalmoscope head, kit of 5 reusable plastic cannulas (5845), metal tongue depressor holder illuminator, nasal specula
Rechargeable battery handle 2.5V
All sets have 2.5V handle for use with 2xC batteries



LMI 5846



Easy adjustable with finger clip

LMI 5847



LMI 5849

LMI 5850

• LMI 5849 XENON HALOGEN OTOSCOPE SET

Includes: xenon-halogen open otoscope head+handle, kit of 5 reusable plastic cannulas (5845), kit of 3 reusable plastic cannulas (5844)

• LMI 5850 XENON HALOGEN DIAGNOSTIC SET

Includes: xenon-halogen open otoscope head+handle, xenon-halogen ophthalmoscope head, kit of 3 reusable metal cannulas + 2 metal specula (5846)

LAPA code	VETERINARY SETS AND ACCESSORIES
LMI 5848	Kit of 5 reusable plastic cannulas (Ø 2.5, 3.5, 4.5, 5.5, 9 mm)
LMI 5844	Kit of 3 reusable plastic cannulas (Ø 4, 5, 7 mm)
LMI 5849	Kit of 3 reusable metal cannulas (Ø 4, 5, 6 mm) + 2 slotted metal specula (Ø 7.5, 9.4 mm)
LMI 5847	Nasal specula
LMI 5758	Otoscope bulb 2.5 V
LMI 5759	Ophthalmoscope bulb 2.5 V
LMI 5748	Standard otoscope bulb vacuum 2.5 V for 5839
LPAA 5843	Swivel lens 2X for Vet oto sets 5849, 5848, 5850



Manufacturing Process

Manufacturing Capabilities

All of our production departments are well equipped with the latest, machinery which is imported from Germany and England, and well staffed with the expert technicians.

Raw Material Department

Lapa Master Industry always purchases best quality stainless steel raw material from steel manufacturers or import directly from Japan, France and Germany when need to do so.

Two kinds of series i.e. 304, 410 and 420 of stainless steel are used for production of Surgical Instruments. At Lapa Master Industry, we believe that quality can only be achieved through quality raw material. As such, the best quality Raw-materials (Stainless Steel Strips, Round Bars, Stainless Steel Coils and Stainless Steel Tubes) are purchased and are subjected to composition and hardness testing through our in-house laboratory in order to ensure that only the best materials are passed on to production departments.

Forging Department

Lapa Master Industry has its own forging section where forgings are made through Drop Hammer process by seasoned operators using dyes made of the best quality imported D-2 Steel.

Forging is done by keeping in mind that the geometry of this process is a starting point and does not on any way limit your design freedom.

Milling Department

Milling is used in the surgical instruments industry, defined as the process of cutting, shaping and finishing of an instrument. It is the process that includes turning, welding and fringing. At the Lapa Master Industry we use the best milling technology which involve cutting away pieces of metal to create dovetails, threads, bevels, slots and ridges.

Grinding (Filing & Setting)

In order to give a final shape to the instrument, our highly skilled craftsman use filling and grinding processes which removes the material from the instrument by abrasion. Then the instrument is keenly observed and set to perform perfect.

Hardness Test (Heat Treatment)

For surgical instruments, the term harness refers to the resistance to bending, scratching, abrasion or cutting. We have in-house Heat Treatment Department equipped with top quality Vacuum Furnace where qualified staff and engineers are engaged in treating the instruments in order to add strength to the steel and perfect the metallurgical composition for further processes.

Polishing Department

The Polishing Department is manned by seasoned workmen using imported chemicals and best quality grinding wheels to ensure the best quality finish. In this department, the instruments are given final finish which includes mirror, satin or matt finishes. The finish is per customers requirements.



Manufacturing Process

Tungsten Carbide Department

Lapa Master Industry tungsten carbide department is installed with the best quality imported machinery being manned by the exceptionally well trained experts using the German Technology. We use German tungsten carbide tips for our instruments.

Coating Department

Our coating department is capable of providing gold plated instruments as well as powder coated instruments depending upon the requirements of the instruments or the customers. Best quality coating related raw materials are used so that no compromise can be made on quality. Furthermore, each coating is inspected for quality before any instrument is passed on to the next department.

Passivation Department

We use high quality imported chemicals in our Passivation Department. Every instruments is boil test and passivate for 24 hours before packing. If need arises, the instruments are re-passivated so as to eliminate any chances of rusting or corrosion during the life of the instrument. Our instruments are rust-free for life though we give guarantee for five years.

Sandblasting Department

For sandblasting our instruments, we use the machines as well as the best quality sandblasting material, which are operated by skilled & well trained operators.

Stamping/Etching

We use permanent and long life high quality laser etching which produces a wide variety of text and graphic images including our customer's logo with very detailed and fine image quality.

Quality Control

Our quality control department is involved at all of the processes of manufacturing but before the instrument goes to the packing department, its quality and function is thoroughly checked by our qualified engineers.

Labeling and Packing

Each instrument is initially packed in a poly bag to prevent scratches and then packed in the middle box. Middle boxes are then packed in the carton. The middle boxes are labeled which includes the article number, types and sizes of instruments. We can also arrange packaging and labeling **according to the customers** demand.

Warehouse

After the instruments are packed and labeled, cartons are then move to our in house warehouse where the complete record of shipments are maintained by our qualified warehouse management.



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments



LAPA MASTER INDUSTRY

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