



**MAESTRO**  
THE LAPAROSCOPY MENTOR

**GERATI**

GERATI HEALTHCARE  
(Pvt.) Ltd.



6KM DASKA ROAD  
SIALKOT, PAKISTAN.



92-322-2023555



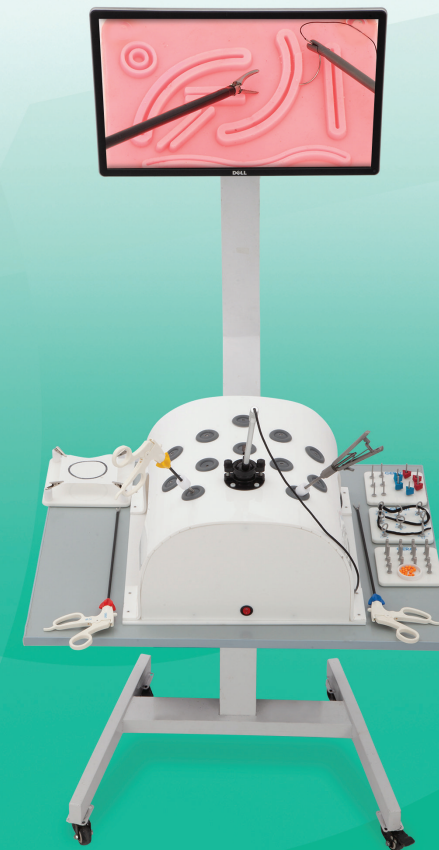
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**GERATI**

**MAESTRO**  
THE LAPAROSCOPY MENTOR



CURVED TOP LAPAROSCOPIC TRAINER

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[www.gerati.com](http://www.gerati.com)

# GERATI MAESTRO CATALYST FOR COMPETENCE

**GERATI MAESTRO** Laparoscopic Endo trainer is a device designed for honing & perfecting laparoscopic skills, intended for surgeons, gynecologists and urologists as part of their professional training program. The set includes the Box Trainer, High Definition Laparoscopic Camera, Internal LED Lighting, Training Exercise Task Modules and Laparoscopic Instruments.

## TRAIN TO PERFECTION

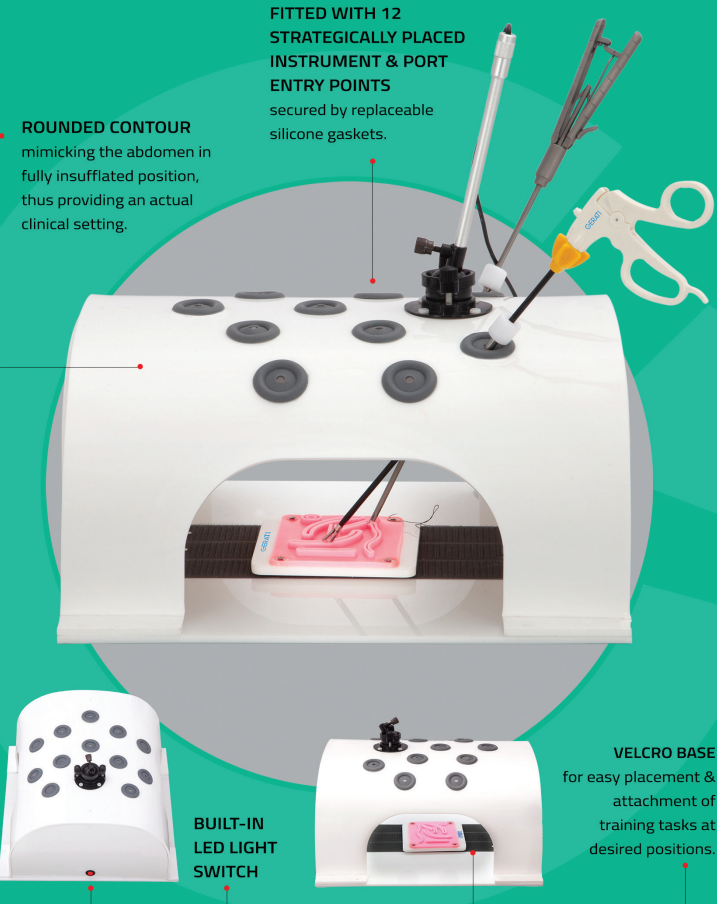
The device is lightweight and hence highly mobile and functional. The rounded contour of trainer mirrors the anatomical shape of the human abdomen after it has been insufflated. The Box Trainer has 12 ports and instrument insertion positions that correspond to the actual port insertions during different laparoscopic procedures. This allows the assumption of correct posture while training and the accurate wrist positions during working.

DESIGNED TO  
ENABLE & EMPOWER  
THE LAPAROSCOPIC  
SURGEON



## TRAINER BOX ADVANTAGEOUS FEATURES

ROBUST & LIGHT WEIGHT CONSTRUCTION, HIGHLY MOBILE & FUNCTIONAL



FITTED WITH 12  
STRATEGICALLY PLACED  
INSTRUMENT & PORT  
ENTRY POINTS  
secured by replaceable  
silicone gaskets.

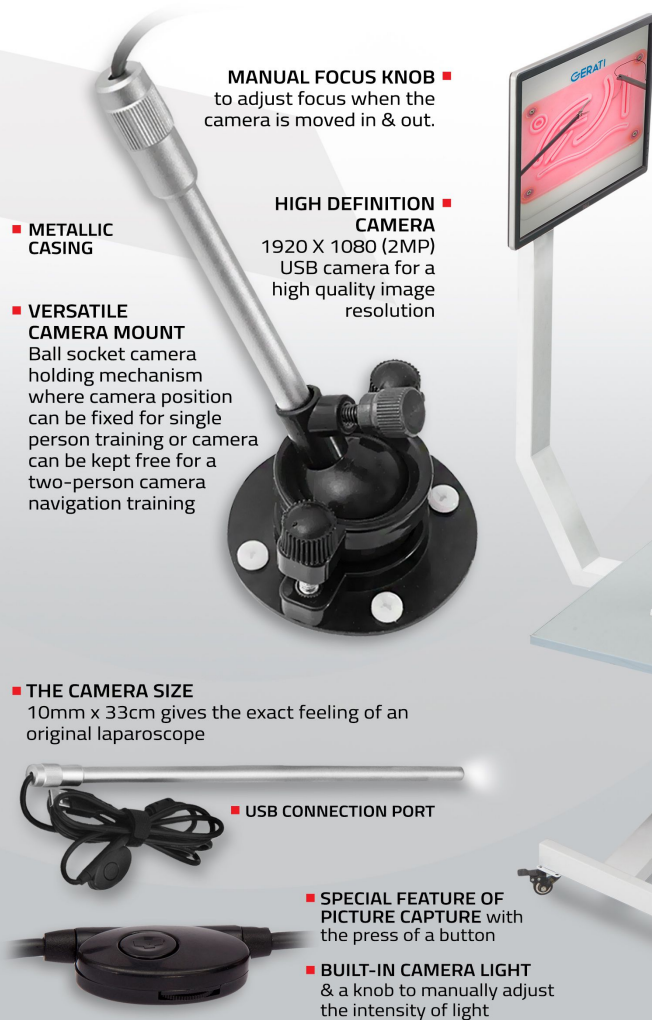
ROUNDED CONTOUR  
mimicking the abdomen in  
fully insufflated position,  
thus providing an actual  
clinical setting.

BUILT-IN  
LED LIGHT  
SWITCH

VELCRO BASE  
for easy placement &  
attachment of  
training tasks at  
desired positions.



## LAPAROSCOPIC CAMERA



**MANUAL FOCUS KNOB** ■  
to adjust focus when the camera is moved in & out.

**HIGH DEFINITION CAMERA** ■  
1920 X 1080 (2MP)  
USB camera for a high quality image resolution

■ **METALLIC CASING**

■ **VERSATILE CAMERA MOUNT**  
Ball socket camera holding mechanism where camera position can be fixed for single person training or camera can be kept free for a two-person camera navigation training

■ **THE CAMERA SIZE**  
10mm x 33cm gives the exact feeling of an original laparoscope

■ **USB CONNECTION PORT**

■ **SPECIAL FEATURE OF PICTURE CAPTURE** with the press of a button

■ **BUILT-IN CAMERA LIGHT** & a knob to manually adjust the intensity of light

## TRAINING TASKS

IN ORDER TO PROVIDE A COMPREHENSIVE TRAINING EXPERIENCE, GERATI ALSO OFFERS A WIDE RANGE OF TRAINING TASK MODULES.

The GERATI Training Modules range from basic tasks that are aimed at improving Hand-Eye coordination, to advanced models that serve to provide an actual anatomical experience. This completes the students' essential training cycle of learning simple to advanced laparoscopic skills.

### THE BASIC HAND-EYE COORDINATION TASKS

have been developed to replicate the laparoscopic procedure instigating dexterity, depth perception and building muscle memory in the trainee.

Basic training tasks include:

**DISSECTING & CUTTING**  
**PEG TRANSFER**  
**THREAD PASSING**  
**BEAD PLACEMENT**



**BASIC SUTURING SKIN MODULE**



### ADVANCED TASKS INCLUDE BASIC TO MEDIUM LEVEL SUTURING PRACTICE TASKS

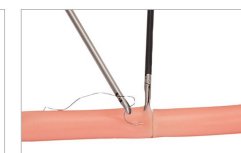
The material of these suturing tasks gives an actual experience of human tissue to make the training as close to real & intuitive as possible.



**ADVANCED MULTI-SHAPE SUTURING MODULE**



**HYSTERECTOMY SUTURING MODULE**



**END-TO-END ANASTOMOSIS SUTURING MODULE**

## A FACILITATED TRAINING EXPERIENCE

GERATI

**MAESTRO Trainer** comes with 1 each of these **LAPAROSCOPIC** training instruments:

- 1 LAPAROSCOPIC NEEDLE HOLDER: 5mm x 31cm
- 2 LAPAROSCOPIC DISSECTOR: 5mm x 31cm
- 3 LAPAROSCOPIC SCISSORS: 5mm x 31cm
- 4 LAPAROSCOPIC GRASPER: 5mm x 31cm
- 5 2 DUMMY TROCARS: 5mm x 10cm



### TROLLEY FOR MOBILITY & EASE OF USE

A robust & minimalistically designed metallic trolley with a wide work top & wheels with brakes enhances the overall working & learning experience.

The trolley is completely dismantlable and is supplied in parts with an easy DIY assembly.

### MOBILE VERSATILE CONVENIENT

The portability ensures it can be transported anywhere with perfect ease. The trolley offers a wide work top & a VESA standard (100cm x 100cm, 75cm x 75cm) LED monitor holder, positioned at an optimal eye-level.




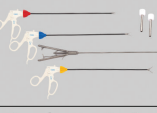
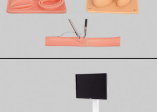




## RE-ORDERING CODES & TECHNICAL SPECIFICATIONS

GERATI  
MAESTRO

ET 614  
ET 616  
ET 618

Three ordering references, ET 614, ET 616 & ET 618 are available, each offering various combinations of Box Trainer, Instruments, Training Modules & other optional material.

ITEM	ITEM SPECIFICS	ITEMS INCLUDED IN TRAINER SET		
		ET 614	ET 616	ET 618
	<b>TRAINER BOX</b> Box Trainer made of white acrylic plastic material Dimensions: 38cm (W) x 24cm (H) x 45cm (D) Weight: 4 Kg	✓	✓	✓
	<b>LAPAROSCOPIC TRAINING CAMERA</b> Built-in LED light & USB port 1920 x 1080 (2MP) Dimension: 10mm x 33cm	✓	✓	✓
	<b>TRAINING EXERCISES</b> Thread Passing Module: 12.5cm x 12.5cm Bead Placement Module: 12.5cm x 12.5cm Peg transfer Module: 12.5cm x 12.5cm Suturing Module: 12.5cm x 12.5cm Dissecting & Cutting Module: 18cm x 18cm Material: white acrylic plastic	✓	✓	✓
	<b>LAPAROSCOPIC INSTRUMENTS</b> Laparoscopic Needle Holder: 5mm x 31cm Laparoscopic Dissector: 5mm x 31cm Laparoscopic Grasper: 5mm x 31cm Laparoscopic Scissors: 5mm x 31cm 2 Dummy Trocars: 5mm x 10cm	✓	✓	✓
	<b>SUTURING EXERCISES</b> Advanced Suturing Module Hysterectomy Suturing Module End-to-end Anastomosis Module Made of Medical Grade Silicone Material	✓	✓	
	<b>TROLLEY</b> Metal Trolley with worktop, wheels with brakes & LED Monitor holder Fitted with VESA mount: 75cmx75cm & 100cmx100cm Dimensions: 24" x 36" x 48" Weight: 16Kgs	✓		
	<b>CPU &amp; LED MONITOR</b> CPU: Core i5 8 GB Ram 500 GB HDD LED Monitor: 24 inch  <small>NOTE: CPU &amp; LED are not for export outside Pakistan.</small>	✓		

Our product designs are constantly improving. We reserve the right to make changes without prior notice.