

KROTON BASIC bis laparoscopic trainer

Product description:

Kroton Basic laparoscopic trainer is a device designed for perfecting laparoscopic skills, intended for surgeons, gynaecologists and urologists as part of their professional training. The set includes the trainer with a handle for carrying, internal camera, internal LED lighting and a USB port. Convenient shape, the handle and small weight render the device highly mobile.

The trainer mirrors the anatomical shape of the human abdomen subjected to insufflation. 23 ports used for inserting laparoscopic tools are located in a manner corresponding to their location during laparoscopic procedures. This allows to assume correct posture while training and to arrange one's wrists correctly while holding tools.

In order for the training to become fully comprehensive, Kroton has come up with the widest offer of models available in the market. They have been designed in a manner allowing the student to be directed smoothly through a full training cycle of laparoscopic skills – from learning eye-hand coordination to practicing basic medical procedures, with accurately simulated human tissues.

Trainer elements – basic version:

- **Dome** in the shape mirroring operational conditions, equipped with 23 tool ports, LED lighting, a handle stably fixing individual models and a flap cutting off external light sources;
- **Handle stabilising** training models;
- **Internal Full HD training camera** (1920×1080 pixels) with high depth of field;
- **USB port and cable**;
- **Software** allowing to:
 - set up user accounts,
 - measure time,
 - record and replay training sessions within individual accounts,
 - copy the recordings made onto a USB stick
 - take frame-by-frame photos,
 - analyse students' progress based on the training sessions recorded,
 - change camera settings,

Additional / optional equipment:

- **Set of laparoscopic tools**, e.g.: holder, dissector, scissors and grasper;
- **Basic training models** from the widest offer available in the market (<https://kroton.info/pl/27-laparoskopowe>) allowing for practice of the simplest skills from the scope of eye-hand coordination ending with advanced medical procedures. The models are characterised by very good imitation of

human tissues and, thanks to the usage of the flexi web plus system, unique durability. This is translated into the potential for repeated practice without loss of quality. The material used provides physical feedback as concerns the resistance carried by the tools;

- Possibility of adding other, **advanced models** (simulating an actual human pelvis) and preparing brand new ones, at the customer's individual order;
- **Transportation bag**
- **Notebook / laptop**
- **Laptop holder.**

CE compliant product

Catalogue No

TRA001b

Device dimensions

45 x 42 x 25 cm

Device weight

3 kg

Delivery time

4 weeks