

Universal simulator - Basic model
Order code: **4135.7098601**



Information about product price on demand

Parameters

Quantitative unit


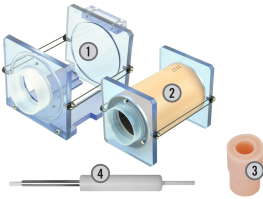
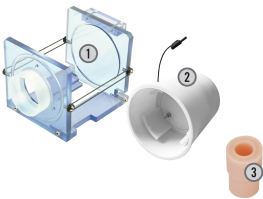
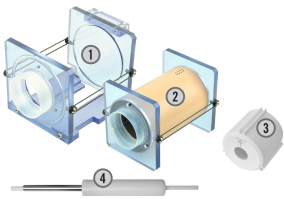
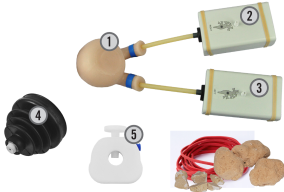
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Key Features:

- **Modular Design:**
 - The Basic Model serves as the main framework for all upgrades, allowing easy customization for various surgical simulations. It supports interchangeable modules that simulate different operating areas, such as the abdomen, pelvis, and thorax.
- **Realistic Anatomical Environment:**

- The simulator includes a compartment for placing substrate containers that simulate organs and tissues, ensuring a realistic experience. It also features LED lighting for improved visibility during procedures.
- **Compatibility with Real Instruments:**
 - Designed to work with real medical tools, providing an authentic experience that closely mirrors actual surgical practice.
- **Power Supply and Connectivity:**
 - The Basic Model comes with a power supply (230V to 12V) for LED lighting and connectors for integrating additional components, such as flushing sets or irrigation systems.
- **Transport and Storage:**
 - The simulator is equipped with a transport and storage box (dimensions: 80 x 60 x 33 cm), ensuring safe and convenient handling.

Optional Accessories

Název	Obsah	Stručný popis	Aplikace
Lap & Thorax Upgrade		This upgrade is designed for laparoscopic and thoracoscopic surgical training. It includes components that replicate the abdominal and thoracic cavities, providing trainees with the opportunity to practice minimally invasive techniques in these areas.	<ul style="list-style-type: none"> • Laparoscopic cholecystectomy (gallbladder removal) • Laparoscopic appendectomy (appendix removal) • Thoracoscopic lung surgery • Laparoscopic suturing and knot tying
Hysteroscopy Upgrade		This upgrade focuses on hysteroscopic procedures, particularly for gynecological surgeries such as polyp removal, myomectomy, and diagnostic hysteroscopy.	<ul style="list-style-type: none"> • Diagnostic hysteroscopy • Polyp and fibroid removal • Endometrial ablation • Treatment of uterine septum
Colposcopy Upgrade		This upgrade is intended for colposcopic procedures, focusing on the examination and treatment of the cervix and vaginal walls.	<ul style="list-style-type: none"> • Cervical biopsy • Treatment of cervical dysplasia • Colposcopic examination of the vagina and cervix • LEEP (Loop Electrosurgical Excision Procedure)
Urology Upgrade		This upgrade focuses on urological procedures, including cystoscopy, transurethral resection of the prostate (TURP), and bladder tumor removal.	<ul style="list-style-type: none"> • Transurethral resection of the prostate (TURP) • Bladder tumor removal • Cystoscopy • Urethral stricture treatment
Uretero-Renoscapy Upgrade		This upgrade is designed for uretero-renal procedures, focusing on kidney stone removal and ureteral treatments.	<ul style="list-style-type: none"> • Kidney stone removal (ureteroscopy) • Treatment of ureteral strictures • Ureteral stent placement • Diagnostic ureteroscopy

Images from selected procedures below:

