Versatility in New Design

Pressure **10** mm Hg

Flow **4** l/min

Standard-Standard profile — 2.7 l

Insufflation | HighFlow | Evacuation | Menu

INSUFFLATOR   Highflow 45

core

INSUFFLATOR Highflow 45

High-power insufflator
with modular profile

INSUFFLATOR Highflow 45

Versatility in New Design

Operating status gas heating ......

Gas consumption

Gas reservoir
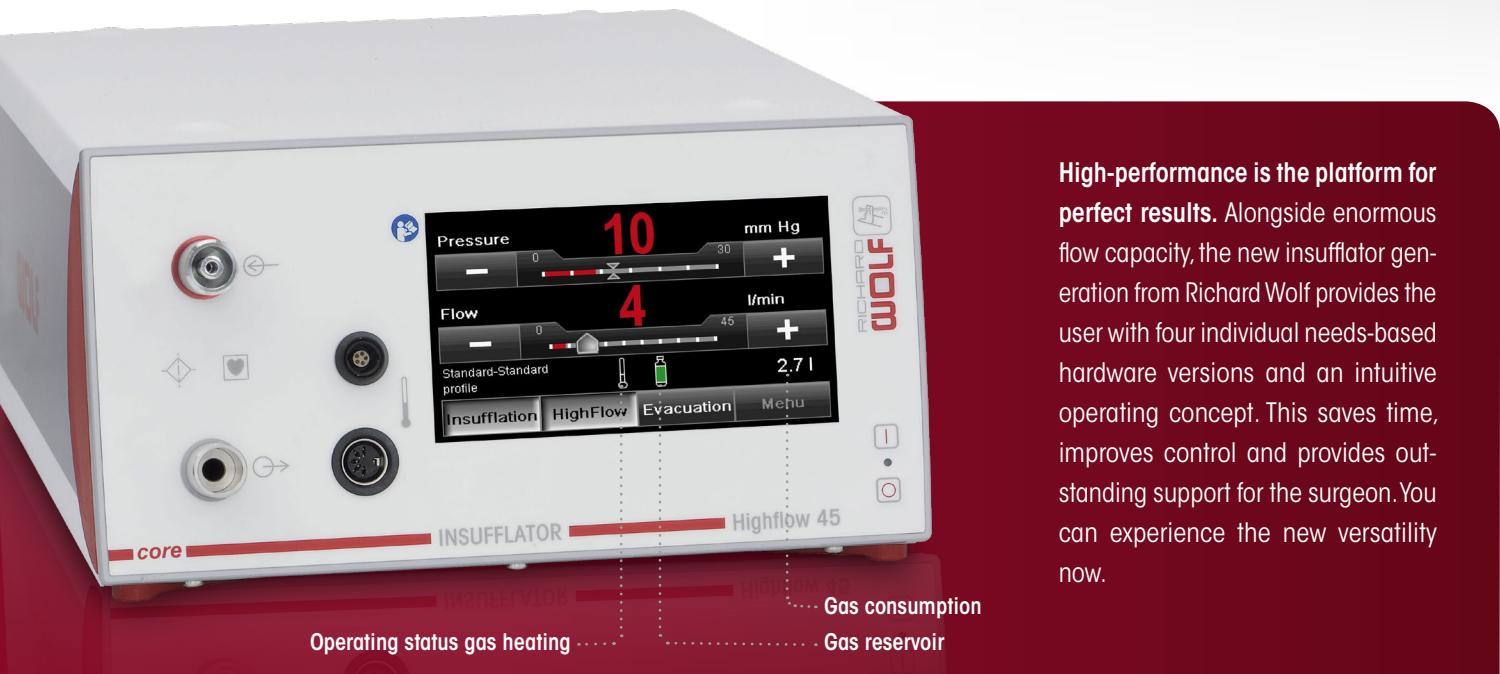
High-performance is the platform for perfect results. Alongside enormous flow capacity, the new insufflator generation from Richard Wolf provides the user with four individual needs-based hardware versions and an intuitive operating concept. This saves time, improves control and provides outstanding support for the surgeon. You can experience the new versatility now.
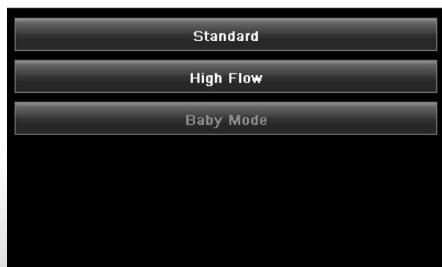
Mode selection
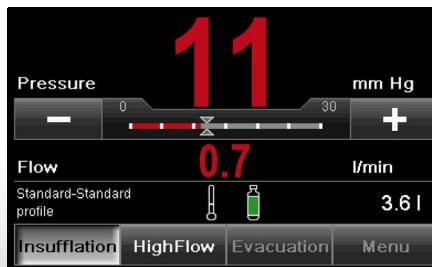
Primary insufflation: Large pressure display
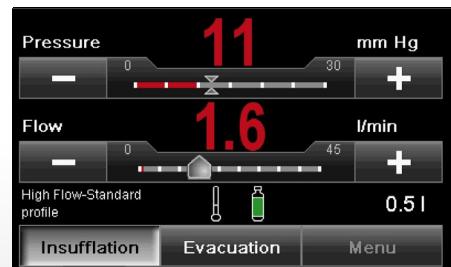
High-Flow Insufflation

Controlled maximum performance

A flow rate of **max. 45 l/min** always provides adequate performance reserves in order to master every situation. Precisely as controlled as the circumstances require.

Modern equipment

- **Gas heating.** CO_2 is heated to body temperature – this is particularly effective for babies and infants. The heated CO_2 also prevents the familiar misting of the telescope and provides unimpeded vision.

- **Smoke extraction.** The harmful smoke produced when working with HF current is extracted and filtered. This also significantly improves the image quality.

Precisely your profile

The INSUFFLATOR Highflow 45 offers preset profiles for standard laparoscopy, gynecology and urology. User-specific profiles with individualized settings (and languages) can also be defined.

Programmed for success

- *core* line for integration in the digital operating room from Richard Wolf.
- **Video display** for continuous display of pressure and flow in the operating room monitor (in combination with ENDOCAM Logic HD).
- **BABY MODE** for laparoscopy on babies and infants: very accurate flow setting (in 0.1 liter increments) and pressure limiting.

Everything in view

- Large touchscreen for better overview and efficiency.
- Intuitive menu navigation so that you can concentrate on essentials.
- Automatic adjustment of display brightness to ambient light.

Your mode of choice

- **Standard Mode** for access with the Veres cannula.
- **Highflow Mode** for access in conjunction with minilaparotomy.

Suiting all requirements

Make your selection from four hardware versions:

- **BASIC**
- **EVAC** with smoke extraction
- **HEAT** with gas heating
- **EVAC+HEAT** with smoke extraction and gas heating

Tool-less connection

Easy connection of the INSUFFLATOR Highflow 45 to the gas bottle or the central gas supply – entirely without tools.

INSUFFLATOR Highflow 45

Overview of Versatility

Insufflator Sets

INSUFFLATOR Highflow 45 BASIC Set
Comprising INSUFFLATOR Highflow 45 BASIC (2235001), power cable (2440.03)... 22350012

INSUFFLATOR Highflow 45 EVAC Set
Comprising INSUFFLATOR Highflow 45 EVAC (2235011), power cable (2440.03), single-pedal footswitch (20301031)... 22350112

INSUFFLATOR Highflow 45 HEAT Set
Comprising INSUFFLATOR Highflow 45 HEAT (2235021), power cable (2440.03)... 22350212

INSUFFLATOR Highflow 45 EVAC + HEAT Set
Comprising INSUFFLATOR Highflow 45 EVAC + HEAT (2235031), power cable (2440.03), single-pedal footswitch (20301031)... 22350312

Software modules (optional)

Software module CAN BUS
CAN BUS interface for
integration in CORE.....................2235101

Software module BABY-MODE
BABY MODE for
special application
in pediatrics 2235102

Software module VIDEO DISPLAY
Video display using
DIALOG via CAN BUS 2235103

Accessories

Tube sets for insufflation

For BASIC	**Insufflation tube** High-Flow, D = 8 mm, autoclavable, 2.5 m 8170.232	
	Insufflation tube Standard, autoclavable, 2.5 m.. 8170.101	
	Insufflation set Insufflation tube with filter (PACK = 10 pcs) in individual sterile packaging 2200/48bikbtua123	
	Insufflation filter, pack of 50...6421/04BAUA0010001	
For HEAT	**Insufflation tube (pack of 10)** High-Flow, with heating spiral and integrated hygiene filter, single use, packed singly, sterile, 3.0 m 4170502	
	Insufflation tube High-Flow, with heating spiral, autoclavable, 3.0 m.................. 8170202 Up to 100 applications are possible with reusable tube.	
	Insufflation filter, pack of 50...6421/04BAUA0010001	
For EVAC	**Smoke gas evacuation tube set, sterile** pack of 10, single use.. 2200/72BTUA1230001	

Accessories for gas supply

Connection hose, quality connect
CO_2, 1,5 m
NIST-NIST DINCO2NIST-NIST1.5
with

Pressure reducer Qualityreg CO_2
DIN 477-1 ....DM-DIN6-MS-NISTCO2
DIN EN ISO 407
PIN INEX.................. DM-PIN-MS-NIST-CO2
ISO 5145 .... DM-ISO-MS-NIST-CO2

Connection hose, quality connect
CO_2 5,0m DIN for central CO_2 gas supply
(Dräger) RW-CO2-ZGV-NIST5.0

Connection hose, quality connect
CO_2 5,0m NF, for central CO_2 gas supply
(Air Liquide) NF-CO2-ZGV-NIST5.0

Connection hose DIN, CO_2
ZGV plug to NIST fitting, ISO-colored,
1.50 m long
(Ceiling light) DIN-CO2-ZGVNIST1.5

Quick plug adapter NIST
(2 pcs. recommended), DIN with safety
chain, Adapter NIST / coupling with chain
and ring DM-AD-CO2NISTDINKU

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