



## FLUID CONTROL Lap 2216

The universal and effective suction irrigation pump for minimally invasive surgery

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An effective and dependable suction and aspiration system is extremely important for any laparoscopic intervention. Apart from effective irrigation and suction power, you as a surgeon are also reliant on simple and effortless operation. **We combine optimum performance parameters in our generation of FLUID CONTROL Lap 2216 Suction Irrigation Pumps** with very easy handling.

The latest technology, e.g. the RFID transponder technology (Radio Frequency Identification) provides enhanced safety during application. The coded tubes mean that the type of tubing, the validity and dependability of the tubing sets used is automatically identified by the unit.

Each disposable tubing set is automatically invalidated by the system after the start of the specific intervention to prevent its use for a second intervention. This ensures that each tubing set can only be used once.

## More control during the operation

The maximum irrigation and suction output of 2 l/minute offers you the option of quickly getting the necessary overview and clarity in difficult and confused situations.

## Mix-ups excluded

The RFID tubing sets mean that incorrect fittings and malfunctions are avoided from the outset.

## Simple integration and intuitive handling

The compact dimensions of the **FLUID CONTROL Lap 2216** suction irrigation pump permits integration in any available laparoscopy tower without requiring a great deal of space.

Positioning the tubing set and the actual operation are carried out intuitively and ensure additional process safety during the course of the operation together with the RFID-coded tubing set.

## Efficient cleaning

The unit has been provided with a special surface to facilitate easy and thorough cleaning for the **FLUID CONTROL Lap 2216** Suction Irrigation Pump.

# FLUID CONTROL Lap 2216

## Ordering information



spirit of excellence

### Fluid Control Lap 2216

#### FLUID CONTROL Lap 2216 suction/irrigation pump bndl.

Comprising:

FLUID CONTROL Lap 2216 suction irrigation pump for laparoscopy (2216001), power cable (2440.03) ..... **22160011**

### Holders

#### Holder

for fixing the suction container on irrigator stand or MUT cart ..... **2215.992**

#### Universal holder

for FLUID CONTROL Lap 2216 on RIWomobil ..... **32114605**

### Secretion container

#### Secretion container 2,5 l complete, for single use

Comprising:

Secretion container 2,5 l (4170.6566) and Secretion bag, pack of 90 (4170.6564) ..... **4170.657**

#### Angular plug-in coupling 90°,

pack of 10 ..... **077.1019**

#### Secretion container 2 Liter complete, reusable

Comprising:

Secretion container, 2 Liter (8170.6551) and lid (8170.6552) ..... **8170.655**

### Irrigation tubes

#### Irrigation tube Set

with piercing connector, 3 m, with Y-piece, with luer-lock connector, pack of 10, sterile, for single use ..... **4171223**

#### Irrigation tube set

with care-lock, 3 m, pack of 10, sterile, for single use ..... **4171224**

#### Suction-irrigation tube set

3 m, pack of 10, sterile, for single use ..... **4171225**

#### Irrigation tube set

with piercing connector, with luer-lock connector, incl. 10 replacement membranes, reusable 20x autoclavable ..... **8171223**

#### Tube set for suction

with 2 ports, 5 m, pack of 10, sterile, for single use ..... **T0503-01**

#### Vacuum tube with filter

1.7 m, pack of 10, usable for 30 days ..... **2206207**

#### Tube attachment

with luer-lock connector, for suction-irrigation handle 8385.901 and tube set 8171223 or 8170.223, reusable ..... **817123**

#### Suction tube

3 m, for suction-irrigation handle 8385.901, reusable ..... **8171402**

## Technical data

|   |   |
|---|---|
| Power connection                                      | 100 – 240 V~, 50/60 Hz  |
| Max. power consumption                                | 52 VA   |
| Max. current consumption                              | 100 V: 0.5 A / 240 V: 0.22 A  |
| Classification in conformity with guideline 93/42/EEC | Ila   |
| Safety class  | I   |
| Degree of protection                                  | Typ BF  |
| Protection rating (IP Code)                           | IP41  |
| Maximum output  | Irrigation: 2.0 l/min ( $\pm 10\%$ ) / Suction: 2.0 l/min (+0.4/-0.1 l/min) |
| Maximum pump pressure                                 | 400 mm Hg ( $\pm 50$ mm Hg)   |
| Motor cut-out   | 500 mm Hg after 5 s ( $\pm 25$ mm Hg)                                       |
| Suction pressure                                      | between -50 kpa and -60 kpa   |
| Connections   | Equipotential bonding, vacuum connection, service connection                |
| Width x height x depth with clamping screw            | 140 x 210 x 295 mm  |
| Width x height x depth without clamping screw         | 140 x 210 x 200 mm  |
| Weight  | approx. 4 kg  |
| Manufactured and tested in conformity with            | IEC 60601-1 / EN 60601-1  |

Subject to modifications. Please note that some products may not be available in all countries. Please always take note of the information that is provided with the product. For more detailed information, please consult with your contact partner or directly with Richard Wolf GmbH.

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