

WISAP®

IRRIGATION

LAPAROSCOPIC SUCTION-IRRIGATION DEVICES



LAPAROSCOPIC IRRIGATION PUMP

CO2-Aqua-Purator

For the operative laparoscopy for irrigation of the abdominal cavity with physiological NaCl-solution.

- The unit working with CO₂-Gas, allows for infinitely variable adjustment of the instillation pressure from 0 to 750 mmHg.
- The instillation quantity can be preselected to 1 l/min and HI-FLO 3 l/min depending on the instillation pressure (max. 750 mmHg).
- Large reserve of irrigation liquid by two NaCl bottles.
- Contamination-free waste management of liquid by connection to any available suction system in the operating room.
- Monofil-bivalent irrigation tubes serve alternatively for irrigation with NaCl-solution or for absorption of blood and tissue particles.
- When using low pressure, (i.e. a slight irrigation jet) small bleeding vessels can be well diagnosed.
- With higher irrigation pressure, hydro-surgery can be practiced, i.e. to irrigate between the peritoneum and the organs or to detach adhesions, irrigation tubings, support for irrigation bags up to 5 l.

POWERED BY
CO₂-GAS

NO NOISE!

PRESSURE RANGE
0-750 MMHG



LAPAROSCOPIC IRRIGATION PUMP

TECHNICAL DATA

CO₂-AQUA-PURATOR

The unit works without current!

CO ₂ -gas connection:	for common CO ₂ bottles or high-pressure connections
Instillation pressure:	steplessly adjustable, 750 mmHg max.
Instillation quantity:	selectable: 1 l/min or HI-FLO 3 l/min (at 750 mmHg)
Dimensions:	w x h x d = 450 x 160 x 320 mm, with accessories h = 420 mm
Casing:	Stainless steel, aluminium / white coated
Weight:	with accessories approx. 6,5 kg



ORDER DATA

CO₂-AQUA-PURATOR

1611	CO ₂ -Aqua-Purator, including wrench and accessories:
1634 NL	Puncture tube for NaCl-bottle, 2 pieces
1637-1	Pressure tubing set filter, 2 pcs. p. pack. Wrench for CO ₂ gas connection



ORDER DATA

STERILE SUCTION-IRRIGATION TUBING SET

1611SI	fitting to CO ₂ -Aqua-Purator
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ACCESSORIES

PUNCTURE TUBE



 mm	Puncture Tube with integrated pressure line, applicable with all NaCl-bottles
163 mm	1634 NK
173 mm	1634 NL1
211 mm	1634 NL2
240 mm	1634 NL

LAPAROSCOPIC SUCTION-IRRIGATION PUMP

Aqua-Purator

For surgical-therapeutic laparoscopy for irrigation of the abdominal cavity with physiological NaCl-solution.

- Instillation quantity is limited to 250 ml/10 sec.
- Suction capacity max. 2 l/min.
- Large-volume 1,25 liter secretion with graduation.
- Monofil-bivalent irrigation tubes alternatively allow to instill NaCl-solution or to absorb blood and tissue particles.



LAPAROSCOPIC SUCTION-IRRIGATION PUMP

TECHNICAL DATA AQUA-PURATOR

Mains connection:	Standard: 230V - 50 /60 Hz Please indicate other requested voltages when ordering
Power input:	165 VA
Instillation pressure:	200 mmHg
Vacuum:	60-70%
Suction efficiency:	2 l/min
Instillation quantity:	1,5 l/min +/- 10%
Dimensions:	w x h x d = 550 x 110 x 230 mm, with accessories h = 400 mm
Weight:	with accessories approx. 6 kg
Casing:	Stainless steel, aluminium / white coated



TECHNICAL DATA AQUA-PURATOR

1610	Aqua-Purator including accessories:
1622-2	Secretion trap 1250 ml
1624 N	Lid for secretion trap, Filter, 1 pc.
1215	Secretion glass 50 ml
1216	Plastic support with washer
1634 NL	Puncture tube for NaCl-bottle, standard
1633 N	Pressure tubing set

ORDER DATA STERILE SUCTION-IRRIGATION TUBING SET

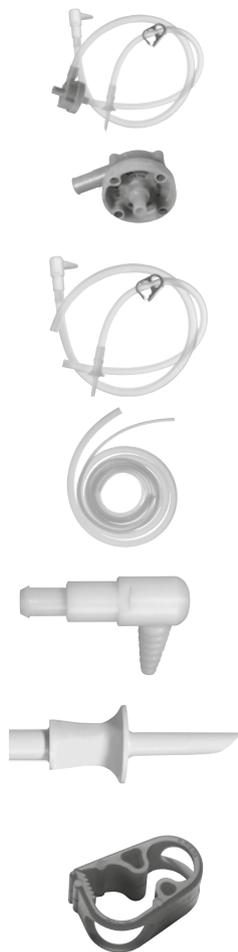
1610SI	fitting to Aqua-Purator
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ACCESSORIES PUNCTURE TUBE



mm	Puncture Tube with integrated pressure line, applicable with all NaCl-bottles
163 mm	1634 NK
173 mm	1634 NL1
211 mm	1634 NL2
240 mm	1634 NL

IRRIGATION ACCESSORIES



ORDER DATA

ACCESSORIES

1608 SS	Tubing set with pump head, steam- and gas-sterilisable
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1609 PS	Pump head, steam- and gas-sterilisable
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1608 SSP	Tubing set for pump head
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1615 AS	Tubing set for Bifi-suction-set and suction-irrigation tubes, 2,4 m, Ø 5 mm
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1608 SSA	Adaptor, steam- and gas-sterilisable
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1609 USE	Incision thorn, steam- and gas-sterilisable
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1637 SKR	Tubing clamp red, steam- and gas-sterilisable, 10 pcs.p.pack.
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Suction-Irrigation tubes

- Monofil-bivalent irrigation tubes - bifilar system - allow controlling of instillation quantity of saline solution or aspiration of saline solution and secretion through an aspiration system.
- Usable with every suction-irrigation system.

ORDER DATA

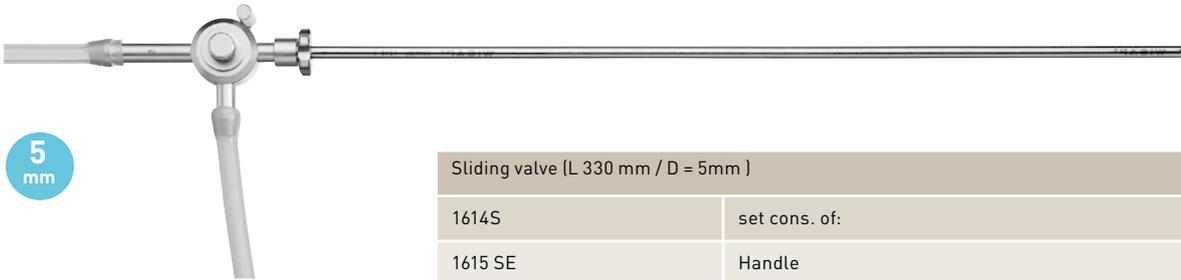
SUCTION IRRIGATION TUBES



5 mm

Squeezing valve (L 330 mm / D = 5mm)

1614	set cons. of:
1615 E	Handle
1615-1	Tube
1615 AS	Tubing set



5 mm

Sliding valve (L 330 mm / D = 5mm)

1614S	set cons. of:
1615 SE	Handle
1615-1	Tube
1615 AS	Tubing set



5 mm

Pistol handle (L 330 mm / D = 5mm)

1614PN	set cons. of:
1615 PEN	Handle
1615-1	Tube
1615 AS	Tubing set

SUCTION-IRRIGATION TUBES

ORDER DATA

SUCTION-IRRIGATION TUBE SET



5 mm

10 mm

Suction-Irrigation tube set with large trumpet valve handle and 2 exchangeable tubes

1616 TN	Set consisting of:
1616 TEN	Handle part with trumpet valve
1616 T1	Suction Irrigation tube (D= 10mm)
1616 T5	Suction Irrigation tube (D= 5mm)
1616 AS	Tubing set L 2,4 m

ORDER DATA

ACCESSORIES



mm	Spring, short, for trumpet valve handle, 4 pcs. p. pck.	
24 mm	1616 TEFK	short
40 mm	1616 TEF	long



ORDER DATA

TUBING SET

Tubing set for squeezing valve, sliding valve, pistol handle	
1615 AS	Suction Irrigation tubing set (for 1614 / 1614S / 1614PN) / L 2,4 m



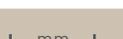
Tubing set for trumpet valve	
1616 AS	Suction Irrigation tubing set (for 1616 TN) / L 2,4 m

SUCTION-IRRIGATION TUBES

ORDER DATA

SUCTION IRRIGATION TUBES



	 mm	 mm	Roundhole Sucker, with 4 drillings
330 mm	5 mm	1615-1	
	 mm	 mm	Roundhole Bee-Hive Sucker, with irrigation drillings
330 mm	5 mm	1615-2	
	 mm	 mm	Edgeless Bee-Hive Sucker, with irrigation drilling
330 mm	5 mm	1615-3	
	 mm	 mm	Edgeless Bee-Hive Sucker, with irrigation drillings
500 mm	5 mm	1615-4	
	 mm	 mm	Punction Needle Sucker
330 mm	5 mm	1615-5	
	 mm	 mm	Aqua Dissector Cannula
330 mm	5 mm	1615-6	
	 mm	 mm	Edgeless Sucker, with irrigation drillings
330 mm	5 mm	1615-7	
	 mm	 mm	Roundhole Sucker, with 16 rinsing drillings
330 mm	5 mm	1615-9	
	 mm	 mm	Roundhole Sucker, with 4 drillings
500 mm	5 mm	1615-1L	

ASPIRATION CANNULA & ACCESSORIES

ORDER DATA

ASPIRATION CANNULA



 mm	 mm	Aspiration Cannula, acc. to Semm
330 mm	5 mm	7660-2



 mm	 mm	Aspiration Cannula for puncture of cysts, acc. to Semm
330 mm	5 mm	7656



 mm	 mm	Aspiration and Suction Cannula for blood coagulation, acc. to Semm
330 mm	5 mm	7656-2

ORDER DATA

HANDLE PARTS

The following handle parts fitting with the suction-irrigation tubes from 1615-1 until 1615-9 can be offered separately:



1615 E	Squeezing valve
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1615 SE	Sliding valve
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1615 PEN	Pistol handle
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1615 SSD	Fixation nut for rotary piston for 1615 SE
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1615 SED	Rotary piston for 1615 SE
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CERTIFIED QUALITY

WISAP® has always focused on quality of products and services. Strict controls ensure a consistent quality assurance, ranging from the purchase of raw materials to outbound inspections.

WISAP® employs specialized staff and all the products are manufactured exclusively in Germany using the highest quality of materials.

TÜV SÜD Product Service GmbH is the notified body of WISAP®.

The company is certified according to EN ISO 13485 2003 + AC, 2009, its products meet the Medical Device Directive 93/43 EEC.



JAPAN



EN ISO 13485:
2012 / AC:2012



PERSONAL NOTES

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YOUR PERSONAL CONTACT PERSON

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