

Controlled precision

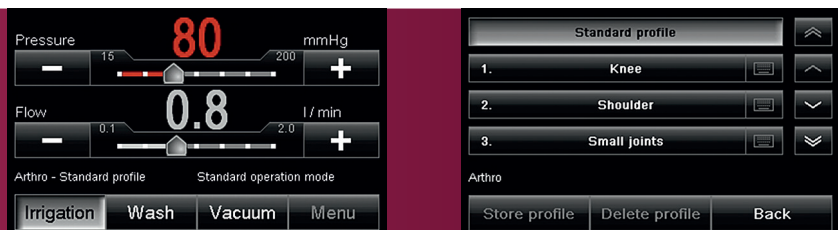


FLUID CONTROL Arthro

Irrigation and Suction Pump for arthroscopy
with automated tube recognition

Performance in a new dimension

FLUID CONTROL ARTHRO is a new pump system for arthroscopic endoscopy. The particular strength of this system lies in a practical combination of high performance and cost-effective overall concept. The new software and technical enhancements make FLUID CONTROL Arthro ideal for diagnostic and therapeutic interventions.



More pressure – more performance

The system is equipped with high pressure and fluid capacity.

For faster and improved visibility in proven **wash mode** and more flexibility in application.

- Design pressure: up to 200 mmHg
- Design flow: up to 2 l/min

Comfort as standard

The intelligent **fluid management system** controls everything.

- Short response times if the pressure goes up or down
- Automated and prompt pressure reduction if intra-articular pressure is elevated
- Visual and acoustic warning alerts

Level equalization. The height difference can be compensated if the pump is positioned beneath the level of the patient. FLUID CONTROL Arthro then automatically shows the actual intra-articular pressure in the display.

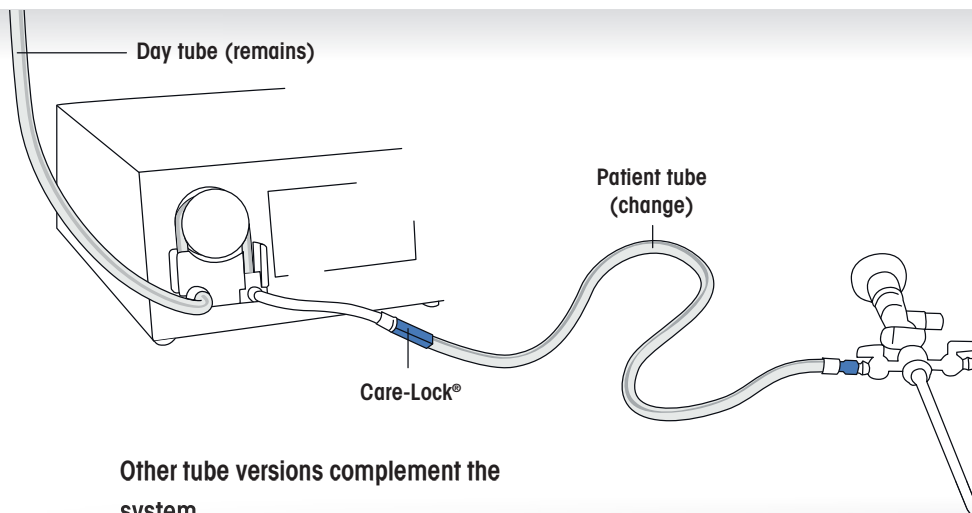
Efficiency with profile

Predefined indication profiles permit particularly efficient operation. Application parameters for knee, shoulder and small joints are stored in the profiles.

- A total of up to 16 different, individually programmable profiles

Innovative tubing concept

Tubing systems from Richard Wolf give you an optimum combination of user comfort, safety and cost effectiveness.



Other tube versions complement the system.

Complete tube set

Once a day or less frequent use: we recommend a **complete tube set**. Make your choice here between the re-usable and single-use version.

Day-patient tube set

Already from two interventions/patients each day: make use of the **day-patient tube set**. This set is made up of a day tube which remains in the pump throughout the day and a patient tube which is changed for each intervention. The irrigation fluid bag can remain on the pump until it has been completely used up. **This significantly reduces the amount of waste and cuts costs.**

Safety is our commitment

FLUID CONTROL Arthro keeps track of components. The system is fitted with intelligent **transponder technology**. This automatically recognizes whether the tube is a system-compatible Richard Wolf tube, the tube type and the number of applications still permitted.

- Reduces the risks of infection
- Optimizes the comfort factor for personnel

Single genius – ingeniously doubled

FLUID CONTROL Arthro **combines the irrigation and suction pump** in a single unit. A vacuum pump is integrated alongside the roller pump for irrigation. This makes significant cost savings.

- Two pumps in one unit
- A single tube is adequate for evacuation. A second roller-pump tube set is not required.




Comprehensive user comfort

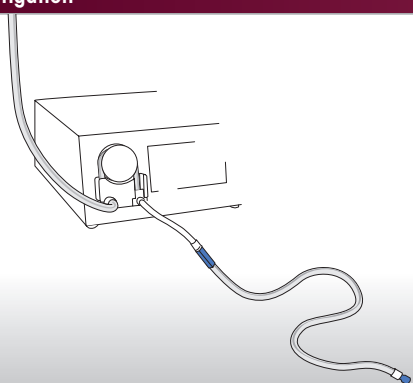
The new equipment design with sloping front panel makes the large touchscreen conveniently accessible.

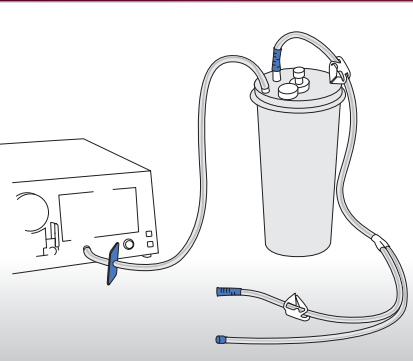
- Intuitive operation
- Autoclavable remote control
- Foot switch for activation of wash mode

FLUID CONTROL Arthro has already been prepared for **integration in core**, the digital Operating Room from Richard Wolf.

Ordering data

Pump and accessories	
	FLUID CONTROL Arthro 2204 , Irrigation and Suction Pump for arthroscopy with automatic tube recognition, including re-usable tube set (8171223) and power cable 22040011
	Footswitch 2204901
	Cable remote control, autoclavable 2204961

Irrigation	
	Tube set with piercing connector , (pack of 10), with luer-lock connector, autoclavable, incl. 10 replacement membranes, re-usable for 20 reprocessing cycles 8171223
	Tube set with piercing connector , (pack of 10), with luer-lock connector, sterile single-use product 4171223
	Tube set with CARE-LOCK , (pack of 10), sterile single-use product 4171224
	Day-patient tube set, sterile , (pack of 10), with piercing connector, single-use product, PVC 4171226
	Day-patient tube set, sterile , single-use product, PVC, comprising 10x patient tube set and 1 x day-patient tube set with piercing connector 4171227

Suction / Evacuation	
	Vacuum tube , silicone, autoclavable 8170.401
	Protective filter for gas filtration , hydrophobic (hygiene filter) 4171.121
	Suction container , 3 liters, incl. holder, autoclavable 8170.981
	Suction container , 3 liters, (pack of 2) 2215.971
	Drain tube , (pack of 10), PVC, with Y-shaped piece, length 5 m, for single use 4170.901