

# Fluid Management



**Arthrex®**  
**Vet Systems**

## DualWave™ Arthroscopy Pump



The DualWave integrated inflow and outflow fluid management system may also be used as a simple inflow-only arthroscopy pump. The DualWave arthroscopy pump can solve any fluid management need, whether it is controlling distention during complex arthroscopic procedures or helping a facility with a desire to increase cost-containment capabilities.

Clear, consistent, turbulent-free visualization is achieved with the DualWave arthroscopy pump through Arthrex's latest proprietary design, which independently controls the shaver or cannula outflow to maintain optimal joint distention and clarity.

The touch-panel video display gives real-time pressure and flow readings and allows the user to track the total fluid used during a case and the total operating time at the end of a procedure. User-programmable defaults encompass pressure presets (by joint space), outflow rate, and shaver suction levels, giving the surgeon a consistent, repeatable operating experience.

Flexibility is key with touchscreen access and the choice of a foot pedal or an autoclavable remote control that allows the user to control the DualWave arthroscopy pump from the sterile field. The rinse and lavage modes allow the user to control all aspects of fluid management at the touch of a button. The lavage mode provides a timed cycle of increased pressure to help maintain proper visualization. The rinse mode increases the fluid passing through the joint space, without affecting the pressure. When operating in inflow-only or inflow-and-outflow mode, the shaver boost function automatically compensates for the loss of distention that can occur when shaver suction is introduced into the joint space by increasing the pressure while the shaver is active.

To help control costs, the DualWave arthroscopy pump can utilize Arthrex's 2-piece tubing option to dramatically lower the tubing and fluid cost per patient, while reducing room turnover times.

Product Description	Item Number
DualWave Arthroscopy Pump	VAR-6480

## Continuous Wave™ 4 Arthroscopy Pump and Accessories



Arthrex offers a clear vision of the future with the Continuous Wave 4 arthroscopy pump. The Continuous Wave 4, now with a Synergy heads-up display and direct communication with the Synergy resection system, is a fully integrated inflow-only arthroscopy pump.

Clear, consistent, turbulent-free visualization is achieved through Arthrex's latest proprietary design which precisely maintains optimal joint distention and clarity.

The touch panel video display gives real-time pressure and flow readings, displays the total fluid used during a case, as well as the total run time at the end of a procedure. Flexibility is key with touch panel access


and the choice of a foot pedal or autoclavable remote control device that allows the user the ability to control the Continuous Wave 4 arthroscopy pump from the sterile field.

User-selected defaults encompass pressure settings (by joint space), flow rate, and shaver boost levels. The lavage mode allows the user to control pressure at the touch of a button. The addition of shaver detection provides an optional boost of pressure when the shaver is activated.


Product Description	Item Number
Continuous Wave 4 Arthroscopy Pump	VAR-6485

## Inflow Pump Tubing



### Main Pump Tubing

	Product Description and Note	Item Number
	<p><b>Main Pump Tubing for VAR-6480 or VAR-6485, Sterile, qty. 10</b></p> <p>This tubing set is for those who prefer a complete tubing set and want to replace the fluid bags after each case. Each tubing set comes with an independently packaged press-fit Luer lock to allow for tubing length adjustment if used in conjunction with the extension tubing. If used alone, the set must be discarded after each case.</p>	AR-6410

### Extension Tubing

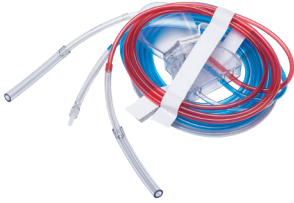

	Product Description and Note	Item Number
	<p><b>Extension Tubing, 8 ft long, sterile, qty. 20</b></p> <p>This unique tubing provides an economical option to reduce tubing costs by allowing the main pump tubing to remain in use for the entire surgical day. The exclusive backflow valve prevents contaminated fluid from reaching the main pump tubing. The main pump tubing and fluid bags no longer need to be discarded after each surgical case.</p>	AR-6220

### ReDeuce™ Two-Piece Pump Tubing System

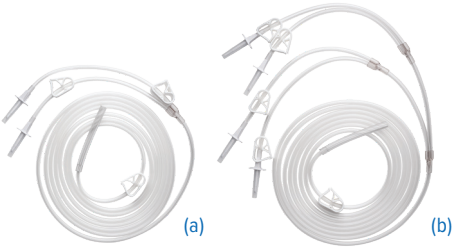
	Product Description and Note	Item Number
	<p><b>ReDeuce Two-Piece Pump Tubing w/ Connector for AR-6480 or AR-6485, 8 ft long, sterile, qty. 10</b></p> <p>The 2-piece pump tubing maintains sterility due to the design of the patient-side tubing and the touch-proof connector. Leaving the pump side tubing in place the entire day saves on fluid by not requiring the remaining fluid to be discarded after terminating each surgical case.</p>	AR-6411
	<p><b>2-Piece Patient Tubing, sterile, qty. 20</b></p> <p>The 2-piece patient tubing set contains a backflow restrictor, saving tubing costs and setup time by only requiring patient tubing to be discarded and passed off from the sterile field after and before each case.</p>	AR-6421

## Outflow Pump Tubing



### DualWave™ Pump Tubing

	Product Description and Note	Item Number
	<p><b>DualWave Outflow Tubing for AR-6480, qty. 10</b> The DualWave outflow tubing allows the DualWave arthroscopy pump to regulate both inflow and outflow in the joint space. By controlling both aspects, distention is maintained at the highest level, resulting in maximum visualization.</p>	AR-6430
	<p><b>DualWave Outflow Tubing Set w/ ReDeuce™ Tubing System for AR-6480, qty. 10</b> The combination set comes with both AR-6421 and AR-6430 packaged together. This simplifies preparation by reducing the number of items needed in the OR to set up the DualWave pump. Reducing the number of tubing packages also reduces ordering and simplifies inventory tracking. The combination set provides a direct price reduction associated with the reduced of packaging material.</p>	AR-6435


### Gravity Tubing

	Product Description and Note	Item Number
	<p><b>Gravity Tubing, 2 spikes, 20 per box (a)</b> <b>Gravity Tubing, 4 spikes, 10 per box (b)</b> Gravity tubing is compatible with all arthroscopic sheaths and cannulas and able to maintain proper distention even in complicated surgical cases that demand high flow. 13 ft working length, 14.2 ft total.</p>	AR-6412 AR-6414


## Accessories

	Product Description and Note	Item Number
	<p><b>Waste Collection Bag, qty. 10</b></p> <p>The waste collection bag can be hung from the AR-6481 pump cart and can hold up to 10 liters of waste fluid. At the end of a surgical case, simply seal the bag and dispose.</p>	AR-6431
	<p><b>Y-Tubing Adapter, double spike, 2 per set, sterile, qty. 10</b></p> <p>The optional Y-tubing adapter allows 4 fluid bags to be connected to either the main pump tubing or the 2-piece pump tubing, resulting in fewer fluid bag changes.</p>	AR-6215

## Autoclavable Remotes

	Product Description and Note	Item Number
	<p><b>DualWave™ Autoclavable Remote</b></p> <p>The autoclavable DualWave remote control provides finger-touch access to pressure adjustment, lavage and rinse modes, shaver suction levels, and the RUN/STOP button.</p>	AR-6482

## Footswitches

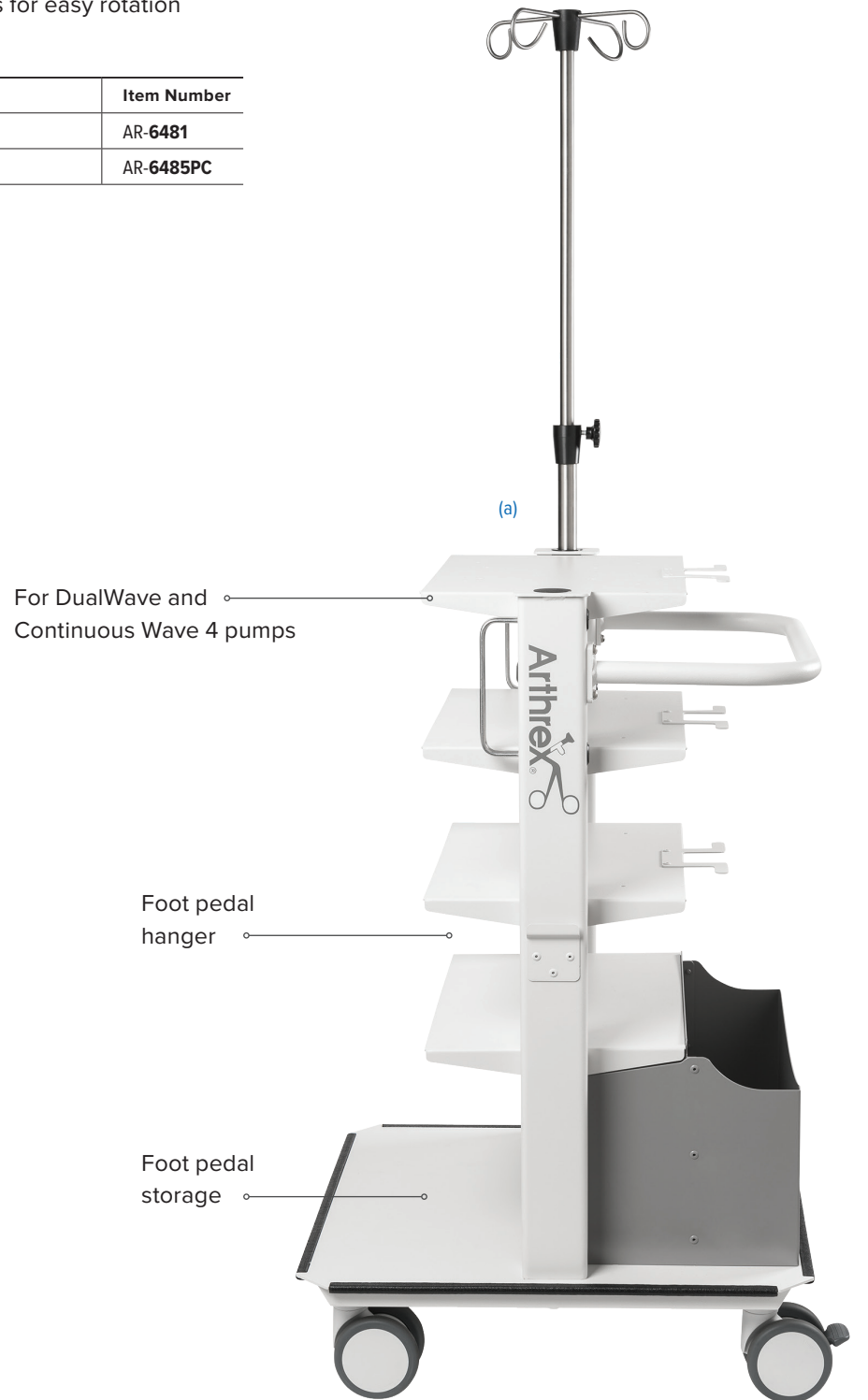
	Product Description and Note	Item Number
	<p><b>DualWave Footswitch</b></p> <p>The DualWave footswitch allows the user to control both pressure and flow levels with the LAVAGE and RINSE pedals.</p>	VAR-6483



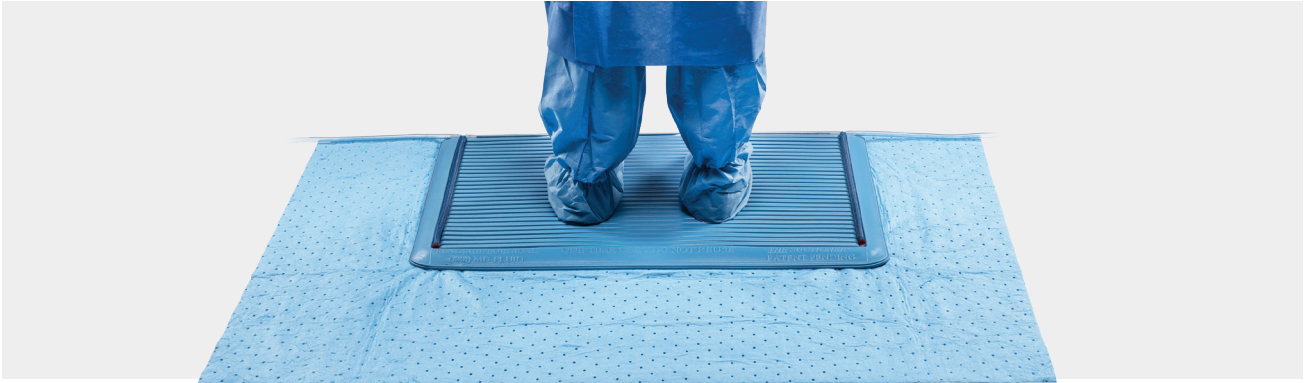
## Pump Cart

The DualWave™ arthroscopy pump cart provides easy installation of the DualWave pump or the Continuous Wave™ 4 pump at the proper height for surgery. The mobile cart can be configured for storage of fluid bags, shaver blades, and/or foot pedals for easy rotation between operating rooms.

Product Description	Item Number
DualWave Cart (a)	AR-6481
Continuous Wave 4 Pump Cart	AR-6485PC



## The Suctioner®\* Surgical Mat



This disposable surgical mat combines the absorbency of the poly-backed Dri-Safe®\* pad and the nonslip, anti-fatigue memory foam construction of The Surgical Mat™\* with powerful, quiet, and continuous suction capability. These features add up to ensure a drier, safer, and cleaner operating room. The Suctioner mat has graduated slots to move fluid towards lateral suction tubes.

It easily attaches to any OR vacuum source in seconds and efficiently manages unwanted fluids, keeping them off the OR floor. The antimicrobial properties of The Suctioner mat can also aid in reducing the risk of cross-contamination. This latex-free surgical mat is ideal for all surgical procedures.

Product Description	Item Number
The Suctioner Surgical Mat, 22 in × 35 in (comfort mat), 42 in × 56 in (total), blue, qty. 8	USA-X10

All surgical suction mats now include antimicrobial properties.

## The EcoSuctioner®\* Surgical Mat



All surgical suction mats now include antimicrobial properties.

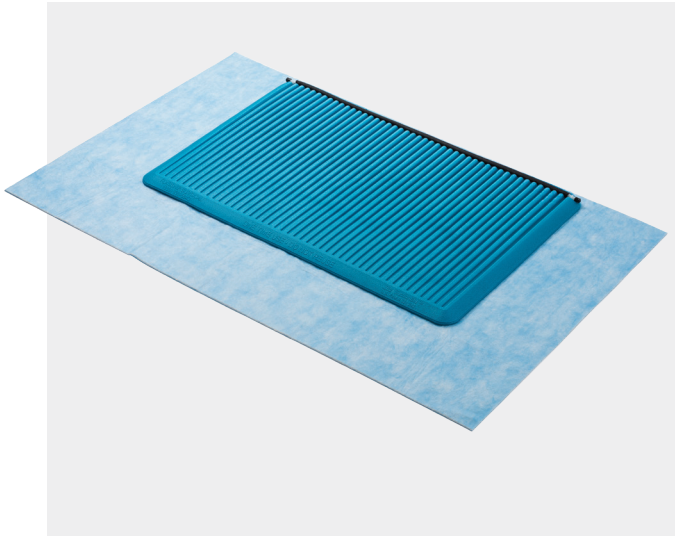
- All-in-one ergonomic suction mat that allows 2 people to stand comfortably during a procedure
- Designed with directional grooves for improved quiet, continual suction; it attaches to any suction source
- Comes with a large rugged absorbent mat underneath for improved no-slip in the OR
- Lightweight suction mat, weighing only 0.79 kg, for quick and easy setup and removal
- Reduced need for laundry on the floor

Product Description	Item Number
The EcoSuctioner Surgical Mat, 28 in × 40 in (comfort mat), 42 in × 56 in (total), green, qty. 8	USA-XG8

\*The Suctioner, Dri-Safe, The Surgical Mat, and The EcoSuctioner are trademarks of Flagship Surgical, LLC.



## The SuctionBlu™\* Mat



All surgical suction mats now include antimicrobial properties.

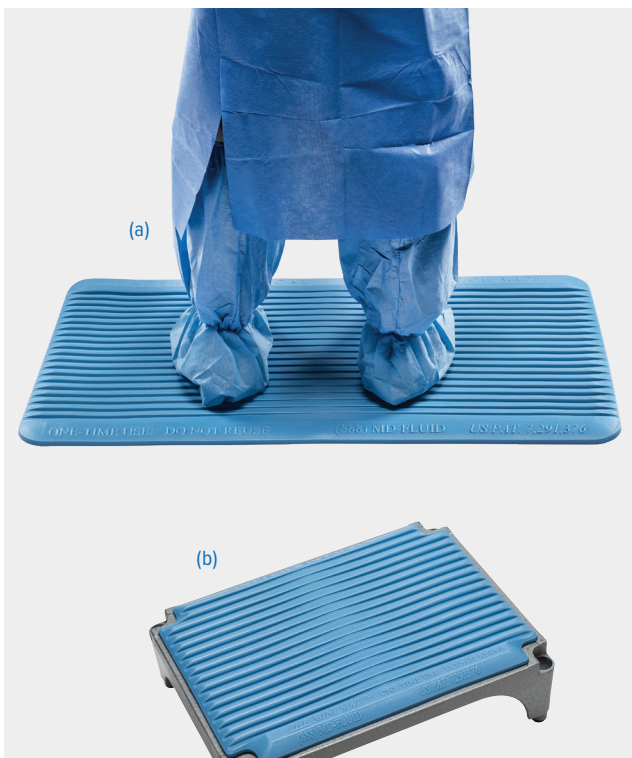
The SuctionBlu disposable surgical mat combines the absorbency of the poly-backed Dri-Safe®\* pad and the nonslip, anti-fatigue memory foam construction of The EcoSuctioner® mat with powerful, quiet, continuous suction capability. These features add up to ensure a drier, safer, and cleaner operating room.

The graduated slots on The SuctionBlu mat use gravity to direct fluids towards the suction tube. The SuctionBlu mat easily attaches to any operating room vacuum source in seconds and efficiently manages unwanted fluids, keeping them off of the OR floor.

The SuctionBlu mat is a smaller, more economical version of The EcoSuctioner mat, but it is larger than The Suctioner® mat.

Product Description	Item Number
The SuctionBlu Surgical Mat, 42 in × 56 in, blue	USA-XBL

## The Surgical Mat™ and The Mini Mat™\* Surgical Mats



The Surgical Mat and The Mini Mat surgical mats were designed to address three OR issues: comfort, safety, and fluid buildup. Both mats are constructed of a resilient memory foam material that gives the surgeon, nurse, and surgical technician relief and support when standing on hard concrete floors and steel step stools. The mats incorporate a nonslip, molded foam design with custom, tapered fluid channels. These channels aid in keeping the surgical team's feet dry and reduce the risk of tracking body fluids throughout the OR. The Surgical Mat and The Mini Mat surgical mats are latex-free and are ideal for all surgical procedures.

Product Description	Item Number
The Surgical Mat Surgical Mat, 20 in × 39 in, blue, qty. 10 <b>(a)</b>	USA-010
The Mini Mat Surgical Mat, 13 in × 17 in, blue, qty. 10 <b>(b)</b>	USA-A10

\*The Suctioner, Dri-Safe, The Surgical Mat, and The EcoSuctioner are trademarks of Flagship Surgical, LLC.

## EcoDri-Safe™\* Absorbent Rolls



\*EcoDri-Safe is a trademark of Flagship Surgical, LLC.

Containing fluids and streamlining clean-up procedures has never been easier than it is with the new Arthrex EcoDri-Safe absorbent rolls. The 28 in × 100 ft rolls are perforated every 20 inches to create 60 easy-to-tear-off 20 in × 28 in floor mats on every roll.

EcoDri-Safe absorbent rolls are ideal wherever fluid containment can be an issue:

- Operating rooms
- Scrub sinks
- Laboratory stations
- Central processing
- Emergency rooms
- Procedure rooms
- Labor and delivery wards

Product Description	Item Number
EcoDri-Safe Poly-Backed Absorbent Roll, 100 ft × 28 in, 20 in × 28 in, 60 sheets per roll	USA-ECO100
EcoDri-Safe Poly-Backed Absorbent Roll, 100 ft × 28 in, 20 in × 28 in, 60 sheets per roll	USA-ECO100PLY
EcoDri-Safe Dispensing Cart	USA-ECODISP

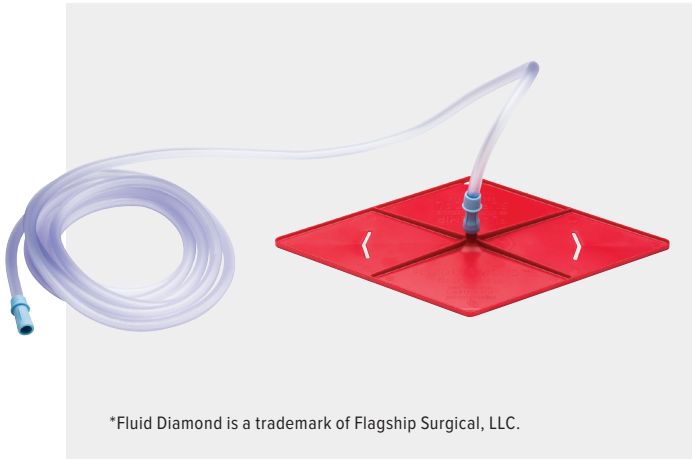
## Dri-Safe® Absorbent Pads



- Super absorbent, economical, disposable floor pads that eliminate expensive laundry costs
- Use wherever fluids build up, including OR floors, in front of scrub sinks, lab station floors, etc
- Dri-Safe pads help prevent slips and falls, as well as the transmission of harmful contaminants to health care providers
- Impermeable poly-backing option promotes safety and keeps the pads firmly in place. Fluids are locked in

Product Description	Item Number
Dri-Safe Absorbent Pad, 28 in × 40 in, blue, qty. 20	USA-B28X40
Dri-Safe Absorbent Pad, 28 in × 40 in, blue, poly-backing, qty. 20	USA-B28X40PLY
Dri-Safe Absorbent Pad, 28 in × 56 in, blue, qty. 15	USA-B28X56
Dri-Safe Absorbent Pad, 28 in × 56 in, blue, poly-backing, qty. 15	USA-B28X56PLY

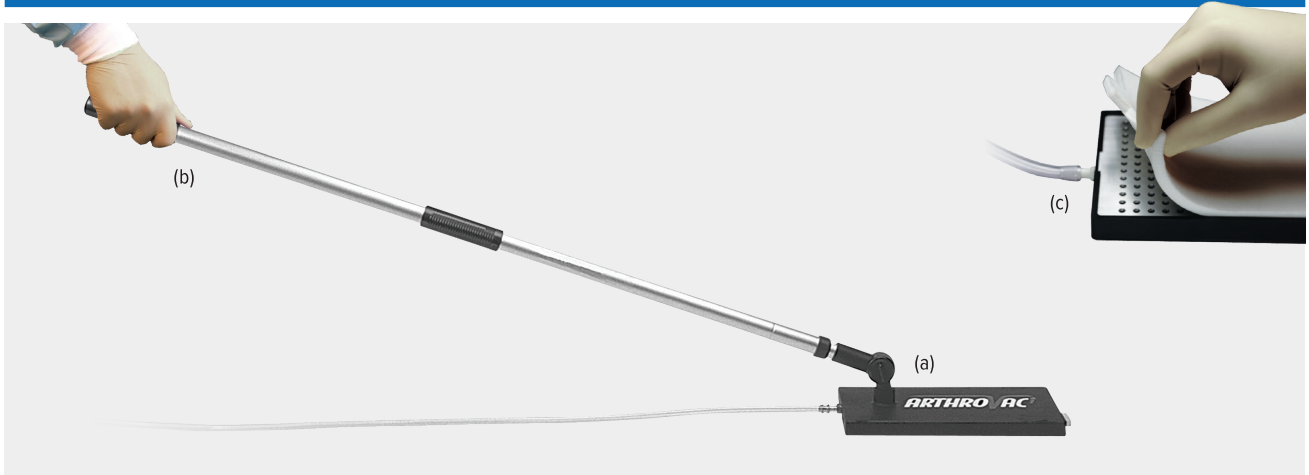
## Fluid Diamond®\* Floor Aspirator



- Fast, effective fluid collection
- Powerful suction action keeps floors dry and reduces the potential for slipping or falling
- Eliminates the need for slippery, costly towels and blankets on the OR floor to absorb fluids
- Designed with quieting pad and anti-floor-sticking technology
- Attaches to any surgical suction source
- Includes suction tubing for easy attachment to any suction source

Product Description	Item Number
Fluid Diamond Floor Aspirator, qty. 30	USA-FDX

## ArthroVac™ Floor Suction System



The ArthroVac active suction device is used to clean up unwanted fluid inside the OR. Attach the ArthroVac system to an OR vacuum to quickly and quietly suck fluid into a waste container.

Product Description	Item Number
ArthroVac Floor Suction System (a)	AR-4004
ArthroVac Telescoping Handle and Connector (b)	AR-4004H
ArthroVac Felt Pads, qty. 10 (c)	AR-4004P



The information contained in this brochure is not veterinary advice and is not meant to be a substitute for the advice provided by a veterinarian or other qualified veterinary professional on the use of these products. You should talk with your veterinarian for more information about your animal's health condition and whether Arthrex products might be appropriate for your animal. The veterinarian who performs any surgical procedure is responsible for determining and using the appropriate techniques for surgical procedures on each individual patient. Arthrex recommends that veterinarians be trained on the use of any particular product before using it in surgery. A veterinarian must always rely on their own professional medical judgment when deciding whether to use a particular product when treating a particular patient. A veterinarian must always refer to the package insert, product label, and/or directions for use before using any Arthrex product. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes. Products may not be available in all markets because product availability is subject to the regulatory approvals and medical practices in individual markets. Please contact Arthrex if you have questions about the availability of products in your area.

View U.S. Patent information at [www.arthrex.com/corporate/virtual-patent-marking](http://www.arthrex.com/corporate/virtual-patent-marking)

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