DualWave™ Arthroscopy Pump

The DualWave is an integrated inflow and outflow fluid management system that may also be used as a simple inflow-only arthroscopy pump. The DualWave can solve numerous fluid management needs, whether it’s 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 through Arthrex’s® latest proprietary design, which precisely and 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 touch-panel access and the choice of a foot pedal or an autoclavable remote control that allows the user to control the DualWave 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 and the RINSE mode increases the fluid passing through the joint space, without affecting the pressure. When operating in Inflow-only and Inflow and Outflow mode, the SHAVERBOOST mode 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 ReDeuce™ Tubing option to dramatically lower the tubing and fluid cost per patient, while reducing room-turnover times.
The Continuous Wave 4 inflow-only arthroscopy pump provides ideal joint distention throughout a surgical procedure. The Continuous Wave 4 incorporates the latest safety and performance features to meet the highest demands of surgeons, surgical nurses and administrators in today’s cost-conscious and performance-minded surgical settings.

The touch-panel video display gives real-time PRESSURE and FLOW readings, and allows the user to track the total fluid used and time throughout a case. User-programmable defaults encompass pressure presets (by joint space), giving the surgeon a consistent, repeatable operating experience.

SHAVERBOOST mode may be adjusted to automatically compensate for loss of distention and provide clear joint distention even with aggressive shaving, aspiration and multiple arthroscopy portals. The LAVAGE mode provides timed cycle of increased pressure to help maintain proper visualization. An autoclavable remote or foot pedal may be used from the sterile field for control of the Continuous Wave 4. To help control costs, the Continuous Wave 4 Arthroscopy Pump can utilize the ReDeuce Tubing option to dramatically lower the tubing and fluid cost per patient, while reducing room-turnover times.
Pump Tubing Options

Main Pump Tubing
This tubing set is for those who prefer a complete tubing set and want to replace the fluid bags after each case. Each tube 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.

AR-6410 Main Pump Tubing for AR-6480 or AR-6485, 16' long, sterile, qty. 10

Extension Tubing
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.

AR-6220 Extension Tubing, 8' long, sterile, qty. 20

ReDeuce™ Pump Tubing System
ReDeuce Tubing is a cost-effective, two-part tubing system that allows the pump tubing to stay in place through the surgical day, which saves time, fluid and tubing costs.

ReDeuce Pump Tubing
The ReDeuce Pump Tubing maintains sterility due to the design of the patient-side tubing and the touch proof connector. Allowing the Pump Side tubing to stay in place the entire day, savings on fluid, by not requiring the remaining fluid to be discarded after terminating each surgical case.

AR-6411 ReDeuce Pump Tubing w/connector for AR-6480 or AR-6485, 8’ long, sterile, qty. 10

ReDeuce Patient Tubing
The ReDeuce Patient Tubing set contains a backflow restrictor; saving tubing costs and set-up time by only requiring Patient Tubing to be discarded and passed off from the sterile field after and before each case.

AR-6421 ReDeuce Patient Tubing, 8’ long, sterile, qty. 20

DualWave™ Outflow Tubing
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.

AR-6430 DualWave Outflow Tubing for AR-6480, qty. 10

Outflow with Patient-side ReDeuce Tubing Combination Set
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. Reducing the number of tubing packages also reduces ordering and simplifies inventory tracking. The combination set provides a direct price reduction associated with the reduction of packaging material.

AR-6435 DualWave Outflow Tube Set w/ReDeuce Tubing System for AR-6480, qty. 10
**Waste Collection Bag**
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.

AR-6431 Waste Collection Bag, qty. 10

**Y-Tubing Adapter**
The optional Y-Tubing Adapter allows four fluid bags to be connected to either the Main Pump Tubing or the ReDeuce™ Pump Tubing, resulting in fewer fluid bag changes.

AR-6215 Y-Tubing Adapter, double spike, two per set, sterile, qty. 10

**DualWave™ Autoclavable Remote**
Autoclavable DualWave Remote Control provides finger-touch access to pressure adjustment, LAVAGE and RINSE modes, shaver suction levels and the RUN/STOP button.

AR-6482

**Foot Pedal**
Foot Pedal allows the user to control both pressure and flow levels with the LAVAGE and RINSE pedals.

AR-6483

**DualWave™ Cart**
DualWave Arthroscopy Pump Cart provides easy installation of the DualWave or the Continuous Wave 4 pumps at their proper heights during surgery. The mobile cart can be configured for storage of fluid bags, shaver blades and/or foot pedals for easy rotation between operating rooms.

AR-6481
Anti-Fatigue Mats

Suctioner™ Mats
Combining anti-fatigue properties with suction capability

The 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, continuous suction capability. These features add up to ensure a drier, safer and cleaner operating room. The Suctioner Mats have graduated slots to move fluid via gravity towards the suction tubes. It easily attaches to any OR vacuum source in seconds and efficiently manages unwanted fluids, keeping them off of the OR floor. Either the anti-microbial properties of the Suctioner can be used to aid in reducing the risk of cross-contamination, or the EcoSuctioner with its larger and lighter comfort mat for allowing two to stand comfortably and safely the entire case. The latex-free surgical mats are ideal for all surgical procedures.

USA-XG8  The EcoSuctioner, 28” x 40” (comfort mat), 35” x 56” (total) green, qty. 8
USA-X10  The Suctioner, 22” X 35” (comfort mat), 35” x 56” (total) blue, qty. 8

Surgical Mats
Providing unparalleled comfort and safety for the surgical staff

The Surgical Mat™ and The Mini Mat™

The Surgical Mat and The Mini Mat were designed to address three OR issues: comfort, safety and fluid build-up. Both mats are constructed of a resilient memory foam material which gives the surgeon, nurse and surgical technician relief and support when standing on hard concrete floors and steel step stools. The mats incorporate a non-slip, 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 and Mini Mats are ideal for all surgical procedures and are latex free.

USA-010  Surgical Mat, 20” x 39” blue, qty. 10
USA-A10  Mini Mat, 13” x 17” blue, qty. 10

* DriSafe™, The Surgical Mat™, The Mini Mat™ and The Suctioner™ are owned by Flagship Surgical, LLC.
Fluid Containment

Pads & Floor
Aspirators

**Dri-Safe™ Absorbent Pads**

Dri-Safe Absorbent Pads are super absorbent, economical, disposable floor pads which eliminate expensive laundry costs. They are for use wherever fluids build up, including OR floors, in front of scrub sinks or lab station floors. Placing pads in key locations will help prevent slips and falls, as well as the transmission of harmful contaminants to healthcare providers. Impermeable poly-backing option promotes safety and keeps the pads firmly in place and fluids locked in. Help prevent cross-contamination in your facility with a simple disposal pad.

- **USA-B28X40**
  - Dri-Safe Absorbent Pad, 28” x 40” blue, qty. 20
- **USA-B28X40PLY**
  - Dri-Safe Absorbent Pad, 28” x 40” blue Poly Backing, qty. 20
- **USA-B30X56**
  - Dri-Safe Absorbent Pad, 30” x 56” blue, qty. 15
- **USA-B30X56PLY**
  - Dri-Safe Absorbent Pad, 30” x 56” blue Poly Backing, qty. 15

**The Fluid Diamond™**

The Fluid Diamond (USA-FDX) is a disposable floor aspirator designed to quickly and quietly remove arthroscopic fluids from the operating room to create a safe working environment. Because of the unique shape, it can slide further underneath a stationary object to remove hard to reach fluids as well as reach into corners where round designs cannot reach. It also has multiple ports to allow any fluids that may drip onto it to quickly migrate to the bottom of the Fluid Diamond to be quickly evacuated.

The Fluid Diamond comes with a suction tubing and can be attached to wall vacuum, a portable suction device, or attached directly to the Suctioner or EcoSuctioner.

- Fast, effective fluid collection
- Powerful suction action keeps floors dry and reduces the potential for slipping or falling in the OR
- Attaches to any surgical suction source
- Includes suction tubing for easy attachment
- Latex free

- **USA-FDX**
  - Fluid Diamond, qty. 30
This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product’s Directions For Use.

View U.S. patent information at www.arthrex.com/corporate/virtual-patent-marking

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