



Aero™ AutoCAT2WAVE® Intra-Aortic Balloon Pump

SMALLER. SUPERIOR. SMARTER ... ITS THAT SIMPLE.

SMALLEST AND LIGHTEST FULL FEATURE IABP SYSTEM, CONFIGURED ESPECIALLY FOR TRANSPORT SETTINGS.

- ▶ Total Fly weight is 91.5 lbs for AutoCAT2WAVE® and 90 lbs for AutoCAT2® ... *Over 40 pounds lighter than competitive systems.*
- ▶ Specifically designed for Air Transport applications.
- ▶ Removable, low profile Control and Display Unit can be positioned for easy viewing and pump operation.
- ▶ Conveniently located handles for moving and lifting.

SIMPLY UNPLUG AND GO.

- ▶ No reconfiguration needed for transport.
- ▶ AutoPilot™ mode continuously monitors patient and pump conditions and adapts to the situation automatically, allowing clinicians to focus on the patient.
- ▶ Automatically selects best signal, optimal trigger mode and timing settings.

- ▶ Calibrated Balloon Pressure Waveform automatically monitors HE delivery and pressure and alarms or adds HE as environmental conditions change.
- ▶ Pump can be positioned on its side during operation.

SUPERIOR PUMPING RESULTS WITH WAVE® AND FIBEROPTIX.™

- ▶ ProActive CounterPulsation® in AeroAutoCAT2WAVE incorporates four technologies to optimize IABP performance, especially in challenging patients.
- ▶ FiberOptix Arterial Pressure signal provides virtually real time data to the IABP.
- ▶ FiberOptix AP is converted to Aortic Flow by a unique, patented algorithm.
- ▶ WAVE timing adjusts inflation, WITHIN THE BEAT for optimal accuracy.
- ▶ Second Generation AutoPilot provides enhanced performance in both AutoCAT2 and AutoCAT2WAVE.

THE SMARTER CHOICE FOR YOUR TRANSPORT PROGRAM NEEDS.

By taking advantage of AeroAutoCAT2WAVE technology, there are no limitations to the quality of patient care your transport program can provide ... *The sky's the limit.*

CARDIAC CARE

Teleflex®
MEDICAL

Aero™ AutoCAT2WAVE® Intra-Aortic Balloon Pump

To locate an Arrow Distributor or for ordering information, contact Customer Service at:

United States International
Tel: 800.523.8446 Tel: +1.610.655.8522
Fax: 800.343.2935 Fax: +1.610.655.8566



www.arrowintl.com

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AeroAutoCAT 2 IABP Product Specifications**

	AutoCAT2WAVE	AutoCAT2
Weight		
Control Module	5 lbs	5 lbs
Pump Console	86.5 lbs	85 lbs
Total Operational Weight*	91.5 lbs	90 lbs

*Includes all accessories, HE, paper, cables, IV pole and Accessory pak.

Dimensions (Same for both Models)

Height	Width	Depth
25.5 inches	13.5 inches	21.5 inches

Electrical and Power Specifications (Same for both Models)

Typical power consumption	245 watts
Max power draw	420 watts
Battery operating time at 80 bpm:	
	90 minutes with minimum full charge
	180 minutes with optional second battery at full charge
	Typical battery recharge time 80% in 4 hours from full discharge
	Recharge to 80% indicated by Yellow light

Pneumatic System (Same for both Models)

Drive System	Stepper motor driven bellows	
Drive Gas	USP-grade Helium (HE)	
HE Tank Options	Disposable canister (500 psi/33L) Refillable (2000 psi)	
Counterpulsation Rate	40 to 200 bpm	
Assist Ratio Options	1:1, 1:2, 1:4 and 1:8	
Volume Control	0 to 50 cc in 0.5 cc increments	
Condensate Removal	Yes. Thermo-electric element and fluid containment dehumidifies HE and maintains pumping volume	
Pump operation on side	Yes	Yes

AeroAutoCAT 2 IABP Product Specifications (continued)

	AutoCAT2WAVE	AutoCAT2
Operational and Functional Information		
AutoPilot Mode	Yes	Yes
	Automatic ECG/AP signal selection and switching	
	Automatic trigger mode selection and switching	
	Automatic time mode selection, switching and timing control	
Operator Mode	Yes	Yes
WAVE Aortic Flow Timing	Yes	No
FiberOptix	Yes	No
Deflation Timing Management	Yes	Yes

AeroAutoCAT2WAVE IABP Pump Ordering Information

Part Number	Description
IAP-0535	AeroAutoCAT2WAVE
IAP-0435	AeroAutoCAT2
IAU-0135	Conversion kit to modify both the Standard AutoCAT2WAVE or the AutoCAT2 IABP to Aero Version of same pump

To order an AeroAutoCAT 2 IABP in a specific language, add the letters indicated to the end of the part number. The pump and all accessories will be in the language as appropriate.

Available in Dutch (NL), French (F), German (D), Italian (I), Japanese (J), Spanish (E) and Swedish (SV). Other languages may be available. Contact Teleflex Medical/Arrow International for further information.

****For more information:** See Detailed Specification sheet A2W-SPEC and A2-SPEC

Caution: U.S. federal law limits this device to sale by or on order of a physician. Contents of unopened, undamaged package are sterile. Disposable. Refer to package insert for current warnings, indications, contradictions, precautions and instructions for use.

For additional reference information go to www.arrowintl.com



Distribution Worldwide: Arrow, 2400 Bernville Road, Reading, PA 19605 U.S.A. Tel: 610-378-0131

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