

# Eagle II<sup>TM</sup> MR<sup>\*</sup>

www.impactii.com

A Ventilator Solution For Your MRI Suite!

**NEW**



## Impact's<sup>®</sup> Critical Care MR Conditional Ventilator Features:

- Invasive and Non-Invasive Ventilation, CPAP/BiPAP with automatic leak compensation and Pressure Support
- Volume and Pressure-Targeted Modes for all patients 5 kg and above
- Battery run time of 10+ hours; recharges in less than 2 Hours
- Built-In compressor, blender and PEEP control
- Can be placed ~ 6½ ft. (2.0 m) from the bore opening
- Successfully tested in 3.0 Tesla environments

CE  
0459

▲ weighs ~ 9.5 lbs. (4.3 kg)

Impact Instrumentation, Inc.

...The Art of Doing It Right<sup>™</sup>

# Intra-hospital Transport



## Technical Specifications

Rate (BPM)		1 - 60
	BPM High Limit Alarm	Off, 20 - 99
	BPM Low Limit Alarm	2 - 40
Tidal Volume (Vt) (ml ATPD)		50 - 1500
	Vt High Limit Alarm	Off, 100 - 2000
	Vt Low Limit Alarm	Off, 0 - 500
Minute Volume (Vmin) (L)		0 - 99.9
Flow Rate (LPM)		0 - 100 @ 40 cm H <sub>2</sub> O
Inspiratory Time (Sec)		0.3 - 3.0
I:E Ratio		1:1 - 1:99
Trigger Sensitivity (default)		-0.5 - -6.0
FiO <sub>2</sub> (%)		21 - 100
Peak Inspiratory Pressure (cm H <sub>2</sub> O)		10 - 60*
	High Peak Inspiratory Pressure Alarm	20 - 100
	Low Peak Inspiratory Pressure Alarm	Off, 3 - 35
		* 80 with confirmation by operator
SpO <sub>2</sub> / Heart Rate Monitor		Not For Use In MRI
PEEP (cm H <sub>2</sub> O)		Off, 0 - 25
Altitude Compensation		-2000 - 25,000 ft.
Apnea Backup Ventilation		Yes
Indicators: LCD, LED, Audible		Control Setpoints, Alarms, Alarm Mute, Alarm Setpoints, Power (Internal/External), External Oxygen, Menu, Pop-Ups
Alarms: Context sensitive help messages Audible, Visual Indicators		Yes
Communications		USB
Enclosure: Material, size weight		Injection molded thermoplastic, 12.5" H x 8" W x 4.5" D, (31.8 cm x 20.3 cm x 11.14 cm)
Operating Time	Battery (Hours)	10
Power		External, Autosensing: 100 - 240 VAC, 50-60 Hz, 12.5 - 28.0 VDC Internal Battery, Li Ion

# Modes of Operation

**AC** with Volume and Pressure Targets  
**SIMV** with Volume and Pressure Targets with/without Pressure Support  
**CPAP** non-invasive mask CPAP with automatic leak compensation and with/without Pressure Support

Impact Instrumentation has been designing and manufacturing medical devices for over 30 years. The Eagle II™ MR is the next generation of powerful, portable ventilators that serves the needs of the MRI Departments and Intra-hospital Transport teams.

**MR CONDITIONAL ROLL STAND** Secures Ventilator in place; features 5 locking wheels



...The Art of Doing It Right™