

Features:

- IABP with IntelliSense combines fiber-optic speed with automatic in vivo calibration.
- The result is faster time to therapy, faster signal acquisition, and faster adaptation to rate and rhythm changes.



Color Display	Color TFT Liquid Crystal Display (LCD) 8.3"(21cm)W x 6.2"(15.8cm)H; up 45°, 10.4" diagonal (26.4 cm down 55°, right 70°, left 70° viewing angle; Rotates 330°; Tilts 180°; Detachable; Laptop- like closure for storage and protection; Remote monitor mount (optional)
Operation Modes	Auto, Semi Auto, Manual
Pressure Trigger	Default trigger threshold is automatically adjusted to 38% of the systolic pulse height; 7 mm minimum Manual threshold mode: User adjustable between 7 and 30 mmHg ± 3 mmHg
ECG Trigger	Threshold dynamically adjusted by system for high sensitivity and selectivity of the R-wave detection; Minimum =120µV ± 20µV at normal gain; 40µV at max. gain
Pacer A Trigger	R-wave detection (as above) except pacer blanking is extended to 100 ms
Internal Trigger	Variable mode: 40-120 bpm; Normal mode: 80 ± 1 bpm
ECG Leads	In Auto Operation Mode: I, II, III, External In Semi-Auto Mode: I, II, III, AVR, AVL, AVF, V, External (12 lead compatibility)
ECG Gain (default)	1 V output per 1 mV input ±5% (waveform automatically scaled to occupy ECG display window)
Gain (variable)	0.15 to 3.0 cm/mV ±20% (autoscaling disabled)
Frequency Response	0.5-12 Hz (display); 0.5-135 Hz (Output to External Monitor)
Defibrillator Protection	Discharge level 360 J (trace returns to screen in 5 sec max)
AP Source Selection	Direct/External (menu based)
Frequency Response	DC to 12 Hz (display)
AP Input Sensitivity	5.0µV/V/mmHg
Fiber-optic signal	Detected when sensor is connected to receptacle acquisition
Low-level Fiber-optic	Enacted when appropriate cable plugged in
Pressure Range	0 to +300 mmHg (minimum)
Frequency Response	DC to 26Hz + - 15% (+0 to -3dB)
Excitation	4 to 8 Volts DC minimum

Medinnova Systems Pvt. Ltd.

Formerly Soma Tech Pvt. Ltd
Regd Office: E-114 GIDC – Savli
Manjusar - Savli Road, At. Po.
Manjusar - 391 775, Tal. Savli. Dist., Vadodara, Gujarat - India
Phone: +91-2667-264737
sales@medinnovasystems.com | www.medinnovasystems.com



ECG/BP Output	Phone Jack: ECG 1V / mV, BP 1V/100 mmHg
Mains Voltage	100-120 VAC \pm 10% or 220-240 VAC \pm 10%
Internal Battery	24 VDC (nominal), 17.2 Amp-hour, approx. 3 hrs. @ 90 bpm
Battery Type	Maintenance free; Sealed lead-acid
IAB Helium (He+)	Medical-grade; 99L Refillable (2200 psi) or 140L Disposable (2200 psi)
Condensate Removal	Fully automatic condensate removal and disposal
Service Diagnostics	Built-in software for system analysis and troubleshooting
Size on Cart	43.1" H x 16.8" W x 22.3" D
Size off Cart	26.9" H x 10.8" W x 20.5" D
Console Weight	84.8 lbs. (38.4 Kg) nominal (includes S.D., CRM, and He tank)
Monitor	9.5 lbs. (4.3 Kg) nominal
Hospital Cart Weight	52.4 lbs. (23.8 Kg) nominal
Internal Battery	34 lbs. (15.4 Kg) nominal
Storage Bag	4.6 lbs. (2.1 Kg) nominal (includes doppler and doppler holder)

Medinnova Systems Pvt. Ltd.

Formerly Soma Tech Pvt. Ltd
 Regd Office: E-114 GIDC – Savli
 Manjusar - Savli Road, At. Po.
 Manjusar - 391 775, Tal. Savli. Dist., Vadodara, Gujarat - India
 Phone: +91-2667-264737
 sales@medinnovasystems.com | www.medinnovasystems.com

