

## FloTrak Elite Module - Specifications

TRANSDUCER TYPE	FIXED ORIFICE DIFFERENTIAL PRESSURE	
<b>Flow<sup>1</sup></b>		
Range	Adult Pediatric Neonatal	2.0 to 180 LPM 0.75 to 100 LPM 0.25 to 30 LPM
Accuracy	Adult Pediatric Neonatal	Greater of 0.5 LPM or $\pm 3\%$ of reading Greater of 0.25 LPM or $\pm 3\%$ of reading Greater of 0.125 LPM or $\pm 3\%$ of reading
Resolution <sup>2</sup>	Adult / Pediatric / Neonatal	0.01 LPM
<b>Tidal Volume<sup>1</sup></b>		
Range	Adult Pediatric Neonatal	40 to 2500 mL 6 to 750 mL 2 to 100 mL
Accuracy	Adult Pediatric Neonatal	Greater of $\pm 10.0$ mL or $\pm 5\%$ of reading Greater of $\pm 3.0$ mL or $\pm 5\%$ of reading Greater of $\pm 1.0$ mL or $\pm 5\%$ of reading
Resolution <sup>2</sup>	Adult Pediatric Neonatal	1.0 mL 1.0 mL 0.1 mL
<b>Airway Pressure<sup>1</sup></b>		
Range	Adult / Pediatric / Neonatal	-120 to 120 cm H <sub>2</sub> O
Resolution <sup>2</sup>	Adult / Pediatric / Neonatal	0.1 cm H <sub>2</sub> O
Accuracy	Adult / Pediatric / Neonatal	Greater of $\pm 0.5$ cm H <sub>2</sub> O or $\pm 2\%$ of reading
<b>Respiration Rate</b>		
Range	Adult / Pediatric / Neonatal	2 to 150 BMP
Accuracy	Adult / Pediatric / Neonatal	$\pm 1$ BMP
<b>System Information</b>		
Sensor Interchangeability	Flow sensor may be interchanged at any time; zeroing is automatic	
Sensor Zero	Automatic, 2-second duration typical	
Calibration	No routine calibration required	
Purging	Automatic, synchronized to exhalation, or manual	
Communication Protocol	RS232, using Respiration software protocol. Allows interface with the CAPNOSTAT 5 sensor.	
<b>Physical Characteristics</b>		
Dimensions	3.95"L x 3.10"W x 1.08"H (maximum) (100.33 mm x 78.74 mm x 27.4 mm)	
Mounting Holes	4 x 0.125" Diameter centered 0.170" from edges	
Weight	< 150g	
Host Connector	Power/Communication interface – 20-pin socket, 2 mm spacing	
Voltage Requirements	5 VDC $\pm 2.5\%$	
Power Rating	1.1 Watt typical, steady state 3.4 Watts maximum during purge/zero functions	
Temperature	Operating: 10°C to 50°C Storage: -40°C to 60°C	
Ambient Humidity	10 to 95%, non-condensing	
Barometric Pressure	400 mmHg to 800 mmHg	

1 - System tested at ambient conditions at room temperature and sea level

2 - Transmitted resolution