

IMPACT MODEL 750 SPECIFICATIONS:

OPERATING MODES:	CONTROL- with/without PEEP, with/without SIGH ASSIST CONTROL- with/without PEEP, with/without SIGH SIMV- with/without PEEP, SIGH CMV- for APNEA backup of ASSIST CONTROL and SIMV
FLOW RATE:	Adjustable, 0 to approximately 100 LPM @ 50 PSI (0 to approximately 1600 ml/sec)
TIDAL VOLUME RANGE:	0 to 3000 ml
VENTILATION RATE:	Adjustable, 1 to 150 breaths per minute, in 1 BPM increments (+/- 1 digit on the display panel)
INSPIRATION TIME:	Adjustable, 0.1 to 3.0 seconds, in 0.1 second increments (+/- 1 digit on the display panel)
LOW PRESSURE ALARM:	Adjustable, OFF to 50 cmH ₂ O, in 1 cmH ₂ O increments (+/- 1 digit on the display panel)
HIGH PRESSURE ALARM:	Adjustable, 15 to 100 cmH ₂ O, in 1 cmH ₂ O increments (+/- 1 digit on the display panel)
PEAK INSPIRATORY PRESSURE RELIEF:	Adjustable, 15 to 100 cmH ₂ O, in 1 cmH ₂ O increments (+/-1 digit on the display panel)
ASSIST/SIMV SENSITIVITY:	Adjustable, -2.0 to -8.0 cmH ₂ O, in -2 cmH ₂ O increments
AUTOMATIC PEEP:	Monitor range 1 to 20 cmH ₂ O, in 1 cmH ₂ O increments (+/- 1 digit on the display panel)
MANUAL PEEP:	Program range 1 to 20 cmH ₂ O, in 1 cmH ₂ O increments (+/- 1 digit on the display panel)
SIGH:	Occurs once every 100-ventilations or 7-minutes, whichever occurs first. SIGH = 150% of inspiration time (truncated to a combined maximum of 3-seconds)
ALPHA/NUMERIC DISPLAYS:	RATE, INSPIRATION TIME, LOW PRESSURE ALARM, HIGH PRESSURE ALARM, PEEP AUTOMATIC, PEEP MANUAL, PEAK AIRWAY PRESSURE, MEAN AIRWAY PRESSURE, P _{aw}
DIGITAL BAR GRAPH:	Display range -10 to 100 cmH ₂ O, mixed resolutions
ALPHA/NUMERIC ALARM DISPLAYS:	INVERSE I:E, MEMORY CHECK, TRANSDUCER CALIBRATION, TRANSDUCER CALIBRATION ABORT, FAL
MANUAL TRIGGER:	Operator controlled manual override of current operating mode
EMI/RFI:	Certified and includes aeromedical
TEMPERATURE (OPERATION/STORAGE) & HUMIDITY:	Meets/exceeds MIL-STD-810E
OPERATING VOLTAGES	
VENTILATOR:	Input: 11-30 volts, AC (50-400 Hz)
MULTIVOLTAGE AC POWER SUPPLY:	Input: 11-30 volts, DC (positive or negative ground) Input: 115/230 VAC, 50-400 Hz Output: Nominal 16 VDC, 1.5A (negative ground)
OPERATING TIME	
BATTERY:	9-hours standard, 11-hours with optional
EXTERNAL AC/DC:	Continuous
VENTILATOR SIZE:	9.25" W x 11.5" H x 4.87" D (23.5 cm W x 29.21 cm H x 12.4 cm D)
WEIGHT	
VENTILATOR:	Less than 10 lbs including battery (less than 4.5 Kg)
MULTIVOLTAGE AC POWER SUPPLY:	2.5 lbs (1.14 Kg)
WARRANTY:	Limited, 1-year (see LIMITED WARRANTY statement)

Note: Impact Instrumentation Inc., reserves the right to change these specifications without prior notification.

Rev A (09/03)