

Pressure Modules,

E-P, E-PP and E-PT



Features

- E-P: Measuring one invasive pressure channel (P3)
- E-PP: two invasive blood pressure channels (P5, P6)
- E-PT: Measuring one invasive pressure channel (P3) and two additional temperatures
- Direct function key for easy pressure channel zeroing
- Selectable labels for invasive blood pressure channels
- Adjustable pressure scales with 10 mmHg steps
- Overlapping invasive blood pressure waveforms mode
- Automatic flushing/blood sampling detection to eliminate unwanted pressure alarms
- Special PCWP measurement display view
- Respiration artifact rejection
- Adjustable invasive blood pressure filter
- Cerebral perfusion pressure (CPP) calculated automatically from mean arterial pressure and ICP
- Easy insertion/removal of module without interrupting other monitoring



Technical Data

Direct function keys

Zero P3	zeros invasive blood pressure P3
Zero P5	zeros invasive blood pressure P5
Zero P6	zeros invasive blood pressure P6

Dimensions and weight

Module size (WxDxH)	
E-P, E-PP, E-PT	37 x 187 x 112 mm/ 1.5 x 7.4 x 4.4 in
Module weight	
E-P, E-PP	0.3 kg/0.7 lb
E-PT	0.4 kg/0.9 lb

Invasive blood pressure

Measurement method	Invasive blood pressure is converted to an electrical signal by a pressure transducer. The signal is continuously displayed as a waveform and numeric value. The invasive pressure setup consisting of connecting tubing, pressure transducer, an intravenous bag of normal saline all connected together by stopcocks, is attached to the catheter. The pressure transducer is placed at the same level with the heart and electrically zeroed
Measurement range	-40 to +320 mmHg
Measurement accuracy	±5% or ± 2 mmHg
Waveform display	
Range	-30 to 300 mmHg
Scales	adjustable in 10 mmHg increments
Numerical display	
Range	-40 to 320 mmHg
Resolution	1 mmHg
Averaging	5 s, or end-expiratory filtering
Alarms	adjustable high and low alarm limits for systolic, diastolic and mean pressures, or off
Pulse rate	HR from ART
Measurement range	30 to 250 bpm
Resolution	1 bpm
Accuracy	±5% or ± 5 bpm
Transducer sensitivity	5 µV/V/mmHg
Pressure filter	0 to 22 Hz (-3 dB) adjustable upper limit 4 to 22 Hz

Temperature

Measurement method	The temperature is measured by a probe whose resistance varies when the temperature changes
Measurement range	10° to 45°C/50° to 113°F
Measurement accuracy	±0.1°C (25° to 45.0°C) ±0.2°C (10° to 24.9°C)
Numerical display	2 temperatures differential T4-T3
Temperature units	°C or °F
Display resolution	0.1°C/0.1°F
Probes	Use only GE Healthcare temperature probes or defibrillator-proof YSI 400 series probes.

Ordering information

Description	Order code
Pressure Module	E-P
Pressure Temp Module	E-PT
Dual Pressure Module	E-PP

For accessories, please refer to the Accessories and Supplies catalog.

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