



**Meena Medical  
Equipment, Inc.**

### **Criticare POET IQ 602 Series Manufacturer Specifications**

#### **Gas Monitoring**

Method: Sidestream; Non-dispersive infrared (NDIR)  
Identified Gases: Halothane, Enflurane, Isoflurane, CO<sub>2</sub>, N<sub>2</sub>O, Oxygen  
Concentration Units: Vol%, Torr, kPa, mmHg  
Flow Rates: 100 ml/min, 150 ml/min, 200 ml/min

#### **Agent Detection**

Measurement Range: Halothane: 0 to 10%  
Enflurane: 0 to 10%  
Isoflurane: 0 to 10%  
CO<sub>2</sub>: 0 to 12.5%  
N<sub>2</sub>O: 0 to 99%  
Oxygen: 0 to 100%  
Measurement Accuracy: Agents:  $\pm$  (0.1% abs. + 4% reading)  
CO<sub>2</sub>:  $\pm$  0.2% abs. or 4% of reading  
N<sub>2</sub>O:  $\pm$  (1.5% abs. + 4% of reading)  
Oxygen:  $\pm$  3 vol% (for 0-90%),  $\pm$  4 vol% (for 91-99%)  
Time to Detect Agent: < 15 seconds @ 200ml/min  
Agent Detection Resolution: 0.1 Volume Percent  
Mixed Gas Threshold: 0.2 vol. % +10% of total concentrations  
Rise Time: Agents: 450 msec  
CO<sub>2</sub>: 350 msec  
N<sub>2</sub>O: 400 msec  
Oxygen: 600 msec

#### **Respiration Rate**

Range: 1 to 60 breaths/minute  
Accuracy:  $\pm$  2 breaths/minute or 2% of reading

#### **System Features**

Occlusion Clearing: Automatic  
Auto Zeroing: Occurs 30 to 60 minutes  
Duration: 3.0 to 7.0 seconds  
Manual user calibration not required.  
Temperature stabilized optical assembly  
Auto-calibration; verification recommended once per year.  
Warm-up Time: 1 minute to first waveforms; < 20 minutes to full accuracy

#### **Display**

Gas Plasma Display

#### **Alarms**

Alarm Characteristics: EN 475, Adjustable; with audible and visual indications.  
Alarm Levels: High, Medium, Low, Informational  
Alarm Modes: Adult/Pediatric/Neonate  
High and low limit settings for each mode.

#### **Trends**

Memory: 24 hours of stored data  
History available with external VGA display  
Display: Tabular, Graphical

#### **Mechanical**

Weight: 28lbs  
Size: 8.25" H x 14" W x 12.75" D