

MATRIX

Medical Gas Verifier Instrument

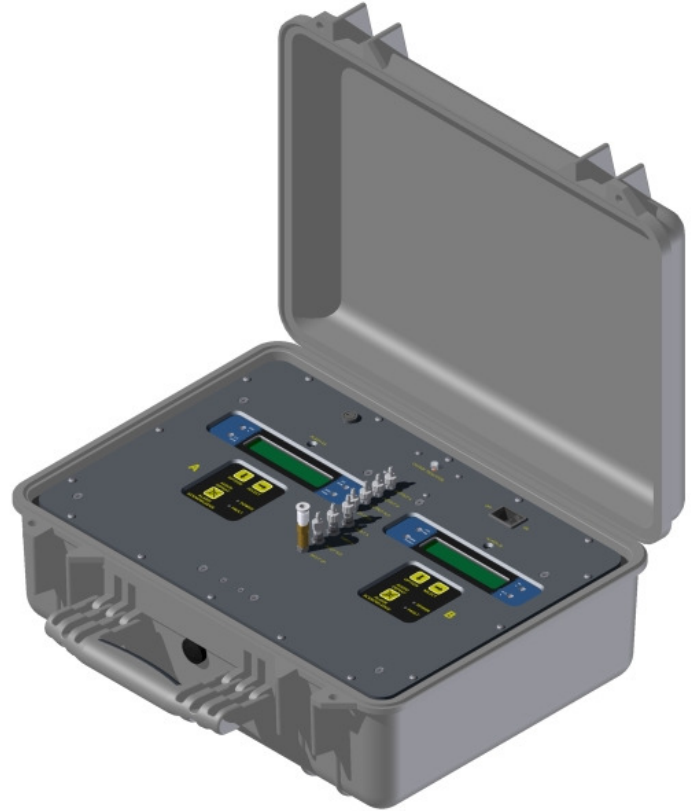
A Multi-Sensor Transportable Analyzer for Medical Gas Verifier/Certifier Field Usage

Features

- 8 On-Board Gas Sensing Principles
- Dual Digital Panel Display (4 channels each)
- Rechargeable Lithium Ion Battery Pack for up to 12 Hours of Operation
- 8 foot 110V 50/60Hz Power Cord for Continuous Operation
- Replaces a Variety of Limited Range Portables

Detection Capabilities:

Carbon Monoxide (CO)
Carbon Dioxide (CO₂)
Dew Point
Trace Hydrocarbons
Oxygen (O₂)
Anesthesia Gases
Methane (CH₄)
Nitrous Oxide



MATRIX Part Number: 04819-2397-6184

Contact ENMET for your specific detection requirements.



MATRIX Medical Gas Verifier Instrument

Specifications:

Operating Power: Rechargeable lithium battery pack and 8 ft. 110V power cord

Run Time: Up to 12 hours per charge or continuous with 110V power cord

Enclosure: Polypropylene-copolymer case

Size: 19 x 15 x 8 inches (48 x 38 x 20 cm)

Weight: 19 lb. (8.6 kg)

Alarm: LED visual indicator per channel and flow alarm

Display: 2 lines, 16 characters each, alpha numeric LCD with Backlight

Humidity Range: 0-95% non-condensing

Temperature Range: 32° to 77°F (0° to 25°C)

Inlet Pressure: 55 psig or lower (user provided regulator)

Inlet Flow Rate: ½ Lpm

GAS	RANGE	ALARM POINT	ACCURACY	SENSOR TYPE
Carbon Monoxide (CO)	0-50 PPM	10 PPM	± 1 PPM	EC
Carbon Dioxide (CO ₂)	0-5000 PPM	500 PPM	± 20 PPM	NDIR
Dew Point	- 90°F to + 50°F	39°F at 55 PSIG	± 2°F	TFP
P.I.D. (Trace Hydro Carbons)	0-20 PPM	5 PPM	± 1 PPM	PID
MOS (Anesthesia gases)	0-100 PPM	100 PPM	± 10 PPM	MOS
Oxygen (O ₂)	0-99% by Vol.	0-99.9% by Vol.	± .1% by Vol.	PP/EC
Methane (CH ₄)	0-5000 PPM	500 PPM	± 20 PPM	NDIR
Nitrous Oxide (N ₂ O)	0-99.9% by Vol.	96% by Vol.	± 3% by Vol.	NDIR



Note: This is a preliminary product information sheet and the specifications are subject to change without notice. Please contact ENMET for the most up-to-date version of product specifications. 1-11-10