

Model 1500

Performance Specifications

MEASUREMENT

RANGE:

- ▶ Dew/Frost Point: Single-Stage (S1): -10 to 122°F (-23 to 50°C)
 - Two-Stage (S2): -40 to 122°F (-40 to 50°C)
 - Three-Stage (S3): -103 to 122°F (-75 to 50°C)
- S3 sensors are not battery powered

ACCURACY:

- ▶ Dew/Frost Point: +/- .45°F (.25°C)

FUNCTIONALITY

Power/Charger: 115-230 VAC, 50-600Hz

Operating Temperature: 32 to 122°F (0 to 50°C)

Sample Connection: 1/4" Compression Fitting

Sample Flow Rate: 0.5 - 5 SCFH; Integral Flow Meter

Sample Pressure: 0 - 150 p.s.i.g (higher pressures available - consult factory)

Outputs:

- ▶ Analog: 4 to 20mA (or 0-5VDC), -50 to 50°C or -75 to 75°C
- ▶ Compliance: 9.0VDC, 450 ohms

Display: Red LED, 0.5" tall; 8 digit alphanumeric

Alarm:

- ▶ Visual: Flashing "ALARM" message
- ▶ Relay: 1 Form C, NON-latching
10A @240 VAC, 8A @24 VDC,
1/2 HP @ 240 VAC

PHYSICAL

- ▶ Dimensions: 14.75" H; 18" W; 7"D
- ▶ Weight: 24lbs.
- ▶ Enclosure: Plastic carrying case

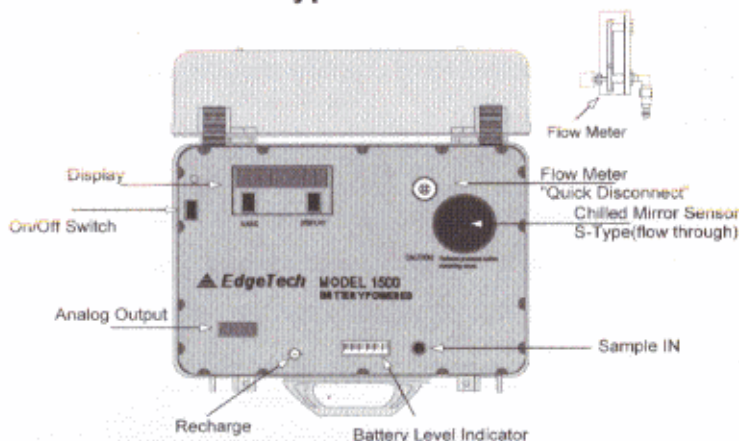
STANDARD FEATURES

- ▶ Programmable Automatic Balance Control (ABC)
- ▶ 8-digit Alphanumeric Display
- ▶ User Programmable Alarm
- ▶ Internal Flow Meter and Valve (S-type only)
- ▶ Visual Alarms
- ▶ 4 - 20 mA (or 0-5VDC), Analog Output
- ▶ Microprocessor Controlled
- ▶ 115/230 VAC Battery Charger

OPTIONAL FEATURES

- ▶ Temperature Probe (PRT) w/ %RH
- ▶ Live pressure w/ PPMv (S-type sensor only)
- ▶ D-Type sensors (probe style) available
- ▶ RS232
- ▶ Internal Rotary Vane Vacuum Pump

S-Type Sensor



D-Type Sensor

