



MIE

DataRAM Personal Aerosol Monitor

Prod # 1620

The MIE Personal DataRam measures mass concentrations of dust, smoke, mist and fumes in real time. This compact and light-weight monitor activates alarms at preset levels and stores the readings for later retrieval on a PC.

Features:

- Large capacity data logging
- Menu-driven display of real-time, averaged, maximum and STEL concentrations
- Sensitivity (auto-ranging) 0.001 - 400 mg/m³
- PC-programmable logged data can be downloaded to a PC
- Intrinsically safe

Applications:

- Indoor air quality
- Personal exposure to dust
- Walk-through surveys
- Remediation site worker surveillance
- Mining environment monitoring

Accessories:

- Universal voltage power supply charger
- Digital communications cable
- pDR-COM software
- Zeroing kit
- Belt-clip kit



Specifications:

Measurement ranges : 0.001 - 400mg/m³ (auto ranging)
 Particle size range : 0.1 - 10 µm
 Accuracy : ±5%
 Resolution : 0.1% of reading or 0.001mg/m³,
 (whichever is larger)
 Dimensions : 15.5 cm x 9.2 cm x 6.2 cm
 : (6.0" x 3.6" x 2.5")

Weight : 0.5 kg (18 oz)
 Display : LCD
 Memory : 10,000 data points
 Serial interface : RS-232, 4800 baud
 Battery : Internal 9V alkaline
 Battery life : 12 hrs
 Operating temp : -10°C to 50°C (14°F to 122°F)