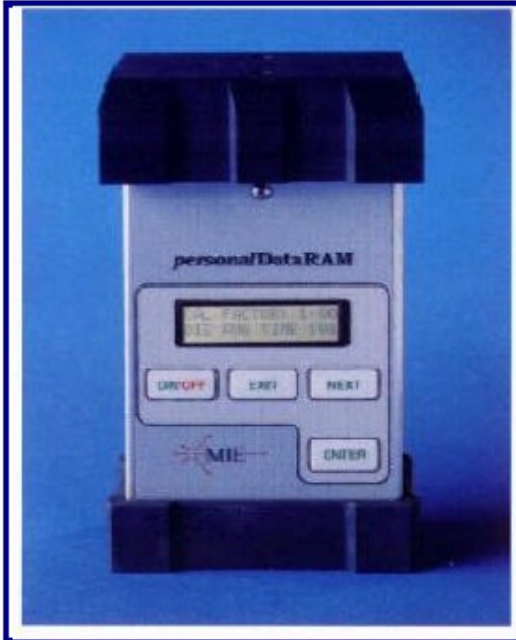


FIELD

Environmental Instruments

MIE

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Personal Data Ram - 1000*"Your Needs Are Our Business"***Toll-Free
800-393-4009**

The world's smallest and most versatile direct reading personal aerosol monitor, the *personalDataRAM* measures mass concentrations of dust, smoke, mists, and fumes in real-time, and sounds an on-board audible alarm whenever a user-defined level is exceeded. Integral large-capacity data logging capability permits storage of 13,000 data points in up to 99 discrete tags.

Any tag can store up to 13,000 averages plus tag maximum and STEL values. When you begin a run, the instrument automatically tags and time stamps the data collected.

The *personalDataRAM* is ideal for personal/breathing zone monitoring, plant walk-through surveys, remediation site worker exposure monitoring, and indoor air quality monitoring

SPECIFICATIONS

Elapsed time readout range: 0 to 100 hours (resets to 0 after 100 hours)

Time keeping and data retention: Greater than 10 years

Readout display: LCD 16 characters (4mm height) x 2 lines

Serial interface: RS232, 4800 baud

Computer requirements: IBM compatible PC, 286 or higher; Windows 3.1, 3.1^M or '95; 2 MB memory or more; hard drive; 3.5" floppy drive; VGA or higher resolution monitor

Analog signal output (model pDR-1000 AN only): 0 to 5 V and 4 to 20 mA, with selectable range between 0 to 0.4 mg/m³ and 0 to 400 mg/m³

Power: Internal battery: 9v alkaline, 24-hour run time (typical) AC source: universal voltage adapter (included) 100-250 volts, 50-60 Hz (CE marked) Optional battery pack: rechargeable NiMH 72-hour run time (typical)

Operating environment: -10° to 50° C (14° to 122° F), 10 to 95% RH, noncondensing

Storage environment: -20° to 70° C (-4° to 158° F)

Dimensions: 153 mm (6.0 in) H x 92 mm (3.6 in) W x 63 mm (2.5 in) D

Weight: 0.5 kg (18 oz)

Standard accessories included: zeroing kit, belt clip set, PC communications software disk, RS232 communications cable, universal voltage AC adapter, carrying case, and manual

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