

Thermo Scientific

Thermo PDR 1500

Pine Item #51349

DESCRIPTION:

The Thermo Scientific pDR1500 is one of the world's smallest and most versatile direct-reading personal aerosol monitors. This unit offers powerful, increased capabilities and a compact design for enhanced portability. Designed to provide accurate, real-time measurement of airborne particulate concentrations for numerous applications.

FEATURES:

- True volumetric flow control
- Interchangeable cyclones for higher accuracy cut points
- Personal aerosol instrument with benchtop performance
- Full compensation for environmental variables
- Suitable for NIOSH Methods 0500 and 0600t

APPLICATIONS:

- Site Remediation
- Size Discrimination
- Mass Validation
- Exposure Modeling
- Protection of Asthma Patients



Contact a Pine branch near you to request a quote or place an order

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www.pine-environmental.com

Canada

www.pine-environmental.ca

Product Specifications

Concentration Measurement Range	0.001 to 400 mg/m ³ range (auto ranging)
Accuracy	1.5 x 10 ⁻⁶ to 0.6 m ⁻¹ (approx) @ lambda= 880nm (not displayed)
Resolution	0.1% of reading or 0.001 mg/m ³ , whichever is larger
Particle Size Range of Max. Response	0.1 to 10 µm
Flow Rate Range	1.0 to 3.5 liters/minute
Aerodynamic Particle Cut-Point Range	1.0 to 10 µm
Logged Data	averaging concentration, temperature, RH, barometric pressure, time/date, and data point number
Readout Display	LCD 16 characters (4 mm height) x 2 lines
Internal Battery Run Time	4 AA alkaline, > 24 hr run time, 5 V peak-to-peak @ 1.2 L/min; > 6 hour @ 3.5 L/min
Dimensions	US: 7.1 x 5.6 x 3.3 in. Metric: 181 X 143 x 84mm
Weight	US: 41oz. Metric: 1.2kg



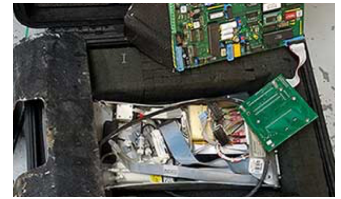
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan