

Met One Aerocet 532

Portable Particle Counter

The Met One AEROCET 532 portable particle counter can simultaneously measure 6 mass concentration ranges as well as five popular cumulative particle sizes in counting mode. Optimized in terms of functionality and ease of use compared to its previous version, the AEROCET 532 is equipped with a 2.8-inch TFT color LCD display.

- ✓ **Rental from one day**
- ✓ **Technical assistance included**

TECHNICAL SPECIFICATIONS

MASSE MODE

MASS CONCENTRATION PM1, PM2.5, PM4, PM7, PM10 and TSP

CONCENTRATION LIMIT 0 – 1,000 µg/m³

SENSIBILITY 0,3 µm

SAMPLE TIME 1, 2, 5, 10, 15, 30 or 60 minutes

PARTICLE COUNTING MODE

CONCENTRATION LIMIT 0 – 3,000,000 particles per cubic foot (105,900 particles/L)

SAMPLE TIME 1, 2, 5, 10, 15, 30 or 60 minutes

SENSIBILITY ± 10% to calibration aerosol

FLOW 0,1 cfm (2,83 lpm)

PARTICLE SIZE RANGES 0.3 µm, 0.5 µm, 1.0 µm, 2.5 µm, 4.0 µm, 5.0 µm, 7.0 µm and 10 µm

OPERATING T° 0° to +50°C

HUMIDITY < 95% (non-condensing)

STORAGE T° -20° to +60°C

DISPLAY 2.8 inch TFT full-color LCD

KEYBOARD 2-button membrane keypad with rotary dial

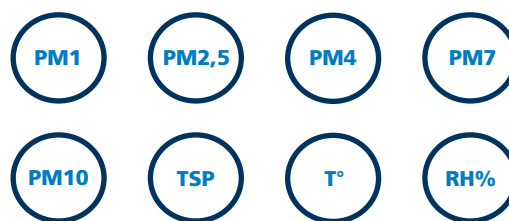
BATTERY Rechargeable Li-ion battery (8h autonomy)

LIGHT SOURCE Laser diode, 90 mW, 780 nm

CONNEXION USB-C, RS-485, WiFi and Ethernet

DIMENSIONS 224 x 96 x 57 mm

WEIGHT < 1 kg



Nephelometry

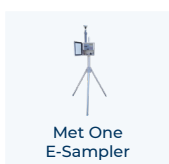
KEY POINTS

- 6 mass ranges (PM1, PM2.5, PM4, PM7, PM10 and TSP)
- Particle counting and mass monitoring
- Flexible data interface
- Keyboard selectable size
- Temperature and relative humidity

APPLICATIONS

- Controlled environments
- Industrial hygiene
- Indoor air quality
- HVAC applications
- Hospitals and clinics
- Filter test

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