

Fog Monitor (FM - 100)



- Measures droplet-laden ambient air.
- Forward-scatter sizing of particles from 2-50 μm .
- Sample flow rate 15 m/s, 1 m³/min.
- Measures particle concentrations from 0-5,000 cm⁻³
- No lost particles due to electronics dead time.
- Serial data stream: RS-422 or RS-232 interface, pin-selectable.
- Optional PADS software provides powerful data-acquisition tools to display, record and play back data.
- 20, 30, or 40 size bins, software-selectable.
- Data sampling rate: 0.1-10 Hz, software-selectable.
- Calibrated with precision glass-beads.
- Anti-icing heater on leading edge of sample inlet horn.
- Remote-mounted sample pump.
- Power consumption: 200 W for instrument, 400 W for pump.
- Powered by 115 V / 60 Hz or 230 V / 50 Hz (specify when ordering).
- All-weather enclosure, suitable for tower mounting.
- Weight: 13 kg, excluding pump.
- 23 cm H x 28 cm W x 37 cm L, excluding inlet horn and hose to sampling pump.
- System includes the spectrometer, sample pump, test cables, calibration fixture, shipping case, one day of training at DMT's facility and one-year warranty.

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