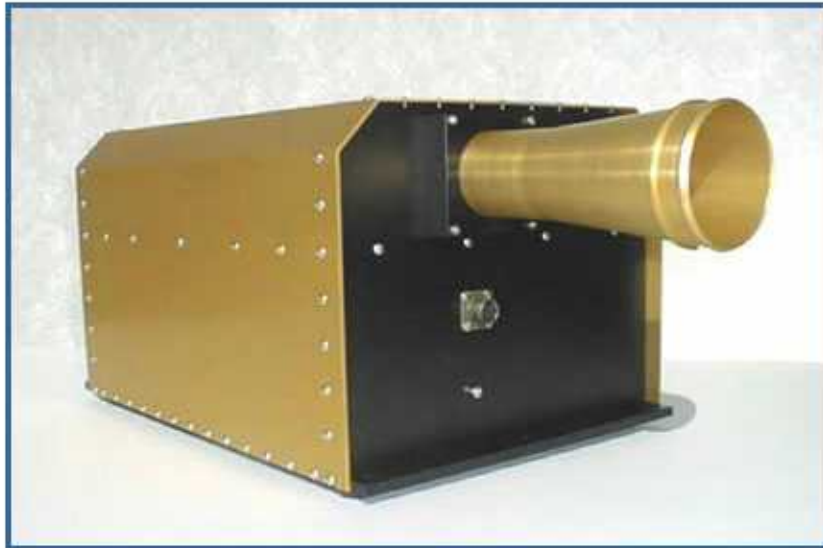




FOG MONITOR (FM-100)



SPECIFICATIONS:

- Forward-scatter sizing of particles from 2-50 microns
- Sample flow rate 15m/s, 1m³/min
- Measures particle concentrations from 0-5,000cm³
- No lost particles due to electronics dead time
- Serial data stream: RS-422 or RS-232 interface, pin selectable
- 20, 30, or 40 size bins, software-selectable
- Sampling frequency 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, software- and/or switch-controlled
- Power consumption: 200W for instrument, 400W for pump
- Powered by: 115V/60Hz or 230V/50Hz (specify when ordering)
- All-weather enclosure, suitable for tower mounting
- Weight: 13 kg excluding pump
- 23 cm high, 28 cm wide, 37 cm long, excluding inlet horn and hose to sampling pump
- System includes the spectrometer, sample pump, test cables, software, calibration fixture, shipping case, one day of training at DMT's facility and 1-year warranty