



## PASSIVE CAVITY AEROSOL SPECTROMETER PROBE (PCASP-X)



### SPECIFICATIONS:

- Aerosol spectrometer range: 0.1 $\mu$ m to 10.0 $\mu$ m
- Sample flow rate is 1-2cc/s
- SPP-200 electronic package with 40 bin resolution
- Standard serial output: RS-232 or RS-422
- Monitors sample and sheath air flow with mass flow meters
- 8 analog channels for recording housekeeping and flow signals
- Laser: HeNe multi-mode classical passive cavity
- Internal pump, computer pump control
- Ground-based or airborne cabin-mounted applications
- Includes DMT's PACS software, for data collection and playback
- Weight: 46lbs (20.9kg)
- Dimensions: 7" x 14" x 25" (43.2 x 35.6 x 63.5 cm)
- Probe power requirements: 115VAC or 230VAC, 50-60Hz., less than 120W
- Includes custom shipping case
- Includes 1-year warranty
- Includes operations manual and 1-day of training at DMT's facility
- Optional aerosol generator for calibration and alignment procedures