



## METEOROLOGICAL PARTICLE SPECTROMETER (MPS)



- 2D distrometer for precipitation measurements
- Provides 2D imaging of precipitation particle sizes and shapes
- 1D histogram of particle sizes
- 64-element diode array, 20 cm path length
- 25, 50 or 100-micron resolution (specify when ordering)
- Particle-by-particle fall velocity: 5-500 cm/sec
- Inter-arrival time of particles: 0.001-100 sec
- Spinning disk calibration unit
- High-speed serial RS-422 or RS-232 interface
- Powered by: 115V/60Hz or 230V/50Hz (specify when ordering)
- Power consumption: 200 W
- All-weather enclosure 44 cm (L), 44 cm (H) and 18 cm (W)
- Free-standing swivel-mount (post not included)
- Wind vane aligns sample path with wind flow
- System includes the spectrometer, data system, test cables, software, spinning disk, shipping case, and one day of training at DMT's facility