

Precipitation Imaging Probe (PIP)



- Classic airborne 2-Dimensional imaging probe form factor, with expanded capability of the 64-element diode array and fast Digital Signal Processing electronics.
- Probe resolution is 100 μm with a particle sizing range of 6.2 mm. Sample area is 26 cm x 6.2 mm. Maximum airspeed: 200 m/s.
- PIP electronics generate a standard RS-232 or RS-422 serial data stream of 1-Dimensional, 64-bin histogram data of particle size along with housekeeping information.
- Optional PADS software provides powerful data-acquisition tools to display, record and play back data.
- Data collection computer and interface cards available.
- Spinning disk calibration device included.
- Power: +28 VDC, 3 A for the system electronics; +28 VDC, 8 A for anti-icing heaters.
- Weight with canister: 25 lbs. / 11.4 kg.
- System includes the spectrometer, flight canister, front canister dome, test cable, spinning disk calibration device, vertical work stand, custom shipping case, one day of training at DMT's facility, and one-year warranty.

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