



PRECIPITATION IMAGING PROBE (PIP)



SPECIFICATIONS:

- Classic airborne 2-Dimensional imaging probe, with the expanded capability of the 64-element diode array and fast Digital Signal Processing electronics
- Probe resolution is 100 μ m with a particle sizing range of 6.2mm. Sample area is 26cm x 6.2mm. Maximum airspeed: 200m/s.
- PIP electronics generate a high-speed RS-422 serial stream of 2-Dimensional image data
- PIP electronics also generates a standard RS-232 or RS-422 serial data stream of 1-Dimensional, 64-bin histogram data of particle size along with housekeeping information
- Includes DMT's "PACS" software package, which is a powerful Window's tool for real-time display, data recording, and play back. PACS can be used in the calibration lab or on small airborne projects
- Compatible with DMT's more powerful "PADS" software package
- Data collection computer and interface cards are an available option
- The "Spinning Disk" calibration device included
- Powered by: +28VDC, 3A, for the system electronics. Anti-icing heaters use +28VDC at 8A
- Weight with canister: 25 lbs./11.4kg
- System includes: the spectrometer, flight canister, front canister dome, test cable, "PACS" software, spinning disk calibration device, vertical work stand, custom shipping case, one day of training at DMT's facility, and one year warranty