

APD-800 Low Level Laser Peak Power Radiometer

The APD-800 radiometer standard was designed at NWAS through the R&D program for the support of Navy laser receiver test sets. The APD-800 is a laboratory grade standard for measuring low levels of 1064nm power and pulse-width and rugged enough to take into the field. The detector is temperature compensated for repeatable accuracy over a wide ambient temperature range typical in non-laboratory environments. The peak power measured is directly related to the raw output voltage as measured by an oscilloscope. The rugged design is perfect for field applications where extreme sensitivity and accuracy is required.



Figure 2

APD-800 Calibrating the CASS EO++

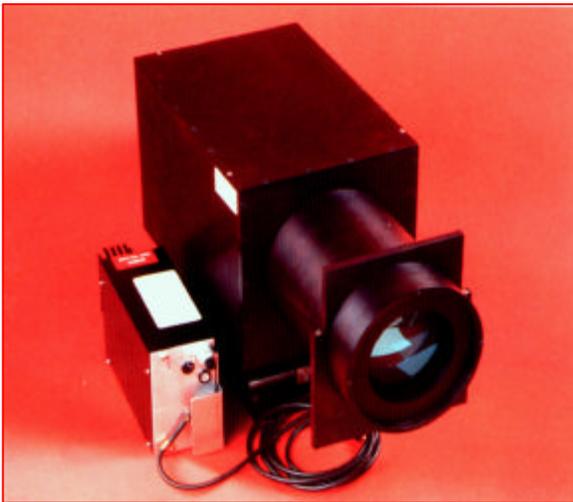


Figure 1
APD-800

Army, Air Force, and NAVY as well as private industry all use the APD-800 for calibration and test system development. It has been used successfully at sites around the globe.

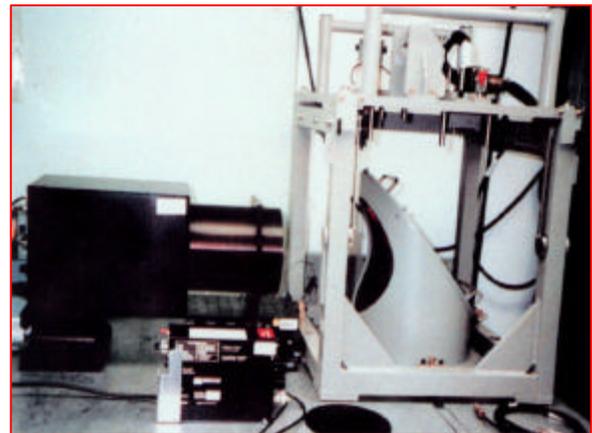


Figure 3

ADP-800 Calibrating the F/A-18 EOTS