1.2.5.2 Fast Photodetector Model FPS-10

Features

- 2 operation modes fast and amplified
- Fast mode 10ns response time, x1 gain
- Amplified mode 300ns response time, x250 gain
- Spectral range 193nm to 1100nm
- Rechargeable battery inside power supply unit
- Comes with stackable filters to accommodate various laser intensities
- Can be used with fiber input

Description

The FPS-10 fast photodetector is designed to measure the temporal behavior of pulsed lasers. The sophisticated high speed circuitry in the FPS-10 has two modes of operation:

- 1. x1 gain with 10ns response time for very short pulses with high peak power
- 2. x250 gain for longer lower peak power pulses.

The FPS-10 comes with additional filters to adjust the sensitivity to the power level of the source. It also comes with a stand and base. Fiber adapters for the head are also available.

Specifications of the FPS-10 Fast Photodetector







