

A NEW, COMPACT, ENTRY LEVEL STOKES POLARIMETER FROM HINDS - THE POLARIMETRY EXPERTS

The PolSNAP™ is a new compact Stokes Polarimeter from the polarimetry experts at Hinds Instruments. Data is acquired at the rate of 2000 samples per second for a quick determination of 4 Stokes vectors per second. The optical system, drive electronics and detection electronics are all contained in one convenient package. It easily fits into your optical set up so that you can determine the polarization of your light source, do quality control on your lasers or determine the polarization maintaining ability of your fiber optics. This benchtop turnkey system generates all four Stokes parameters and displays them graphically in three different ways. The repeatability is down to 0.06% DOP and precision is to within 1%.

APPLICATIONS

- ♦ Free Space and Fiber Polarimetry
- ♦ DOP and SOP Measurements



FEATURES

- ♦ Small size - fits in your hand
- ♦ Connected via USB
- ♦ Fast measurement speed: 4 Stokes vectors per second (2000 samples per second). No additional power supply required
- ♦ Easy to use software
- ♦ Mounting options:
 - ♦ 30mm cage mount
 - ♦ 2x M4 / 1/4-20 Post Mount

SPECIFICATIONS

Wavelength	450-700nm
Input Light Intensity	6nW - 2mW
Communication	USB, Serial SCPI
Data Rate	4 Stokes vectors per second
Sample Rate	2000 samples per second
Precision	approx. 1%
Repeatability	0.06% DOP
Aperture Size	10mm
Dimension	79mm x 79mm x 49mm

