

NOW AVAILABLE IN VIS AND NIR MODELS!

PolSNAP is a compact Stokes Polarimeter from Hinds Instruments; a company with more than 45 years of polarimetry experience.

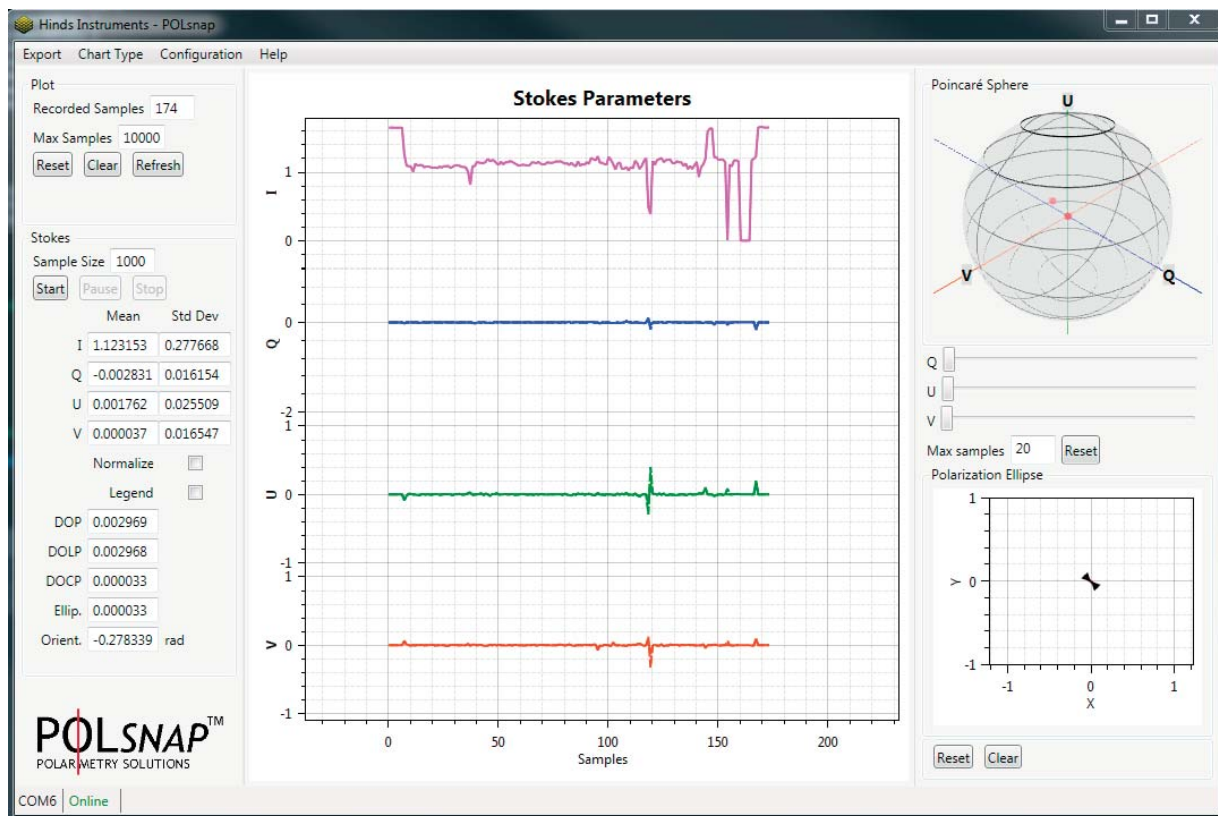
Data is acquired at the rate of 2000 samples per second for a quick determination of 4 Stokes vectors per second. The optical system, drive electronics and detection electronics are all contained in one convenient package. It easily fits into your optical set up so that you can determine the polarization of your light source or optics, 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
- ♦ Excellent Signal to Noise ratio
- ♦ Easy to use software for Window 7 or 10
- ♦ Mounting options:
 - ♦ 30mm cage mount
 - ♦ 2x M4 / ¼-20 Post Mount



SPECIFICATIONS

	VIS	NIR
Wavelength	450-700nm	800-1600nm
Input Light Intensity	200nW - 2mW -37dBm - 3dBm	400nW - 5mW -34dBm - 7dBm
Dynamic Range	40dBm	41dBm
Accuracy DOP	±1%	
Repeatability	0.06% DOP	
Measurement Rate	2000 Samples/second	
Data Rate	4 Stokes Vectors/second	
Aperture Size	10mm	
Active Area	25mm ²	20mm ²
Module Type	30x30 Cage Mount or Free Space Optical Input	
Digital Interface	Serial, MatLab, Python, C++, C#	
Data Interface	USB, Serial SCPI	
Dimensions	79mm x 79mm x 49mm	

