



Fastest Polarimeter Available for Fiber Optic Testing

Real Time SOP Streaming and Data Recording

dSOP/dt Trigger function to capture events

Rugged unit for lab and field

Handheld Unit





## Key specifications

<b>Wavelength Coverage</b>	1520 nm - 1580 nm
<b>Parameters measured</b>	Stokes Parameters ( $S_1$ , $S_2$ , $S_3$ ) and Degree of Polarization (DOP), Power and SOP speed (dSOP/dt)
<b>Sampling Rate</b>	38 Samples/sec to 80 MegaSamples/sec
<b>Recording/Logging</b>	Trigger on user-defined $\Delta$ SOP within $\Delta t$ . Records pre-trigger and post-trigger samples. 16,000 total SOP states.
<b>Communication Interface</b>	USB 2.0
<b>Controller Platforms</b>	Windows PC
<b>Dimensions</b>	H=1.73" (44 mm), W=5.78" (147 mm), D=7.88" (200 mm)
<b>Optical Connectors</b>	FC/APC (other options available)
<b>Power Supply</b>	12 VDC

For more information contact us: [NRT3000@newridgetech.com](mailto:NRT3000@newridgetech.com) or call: +1-410-753-3055