



### SINGLE-CHANNEL PORTABLE FIBER-OPTIC TESTER/MONITOR FOR ENERGY APPLICATIONS

## Full-Featured Portable Single-Channel Temperature Measurement Solution For Sensor Factory Installation And Field Testing/Trouble-Shooting

### DESCRIPTION

The Nortech EasyTest is the perfect complement to your FISO monitoring system. The single-channel portable tester is designed to check optical continuity on-site and in the laboratory to validate GaAs probe installation in the transformer during manufacturing. Probe parameters are displayed with clear icons and can be logged and downloaded.

For over 25 years, FISO has been the leader in the Fiber-Optic White-Light Technology. The EasyTest is using the temperature dependent band gap shift of the GaAs crystal to provide a fast and accurate measurement. Inherent to the technology, the system will not drift nor require any recalibration for the life of

<b>Diagnostic CH 1</b>	
<b>Temp</b>	<b>21.5 °C</b>
<b>Light</b>	<b>3.8 %</b>
<b>Signal</b>	<b>97.1 %</b>

the device and the monitor. Auto-Correct feature continuously compensates for internal temperature interference.

### KEY FEATURES

- Powered with rechargeable batteries
- Single screen diagnostic display
- Data download via USB port
- Single-channel tester
- Accuracy of  $\pm 1^{\circ}\text{C}$
- Large LCD display
- Robust design for industrial & field environments
- User friendly operation through intuitive menu
- No Calibration required for the life of the instrument
- Light Source Good for 50+ years

### APPLICATIONS

- Efficient and reliable quality control for fiber optic sensor installation
- Easy manual field testing and trouble-shooting
- Power Transformer Winding & Core Hot Spot
- Power Transformer Top & Bottom Oil
- All types of Transformers (MV, HV, EHV, UHV, HVDC)

### SPECIFICATIONS

Number of channels	1
Reading temperature range	-40 °C to 225 °C
Temperature accuracy	±1 °C
Resolution	0.1 °C
Sampling rate	200 ms
Operating temperature	5°C to 45°C
Storage temperature	5°C to 45C
Humidity	95% RH Non-Condensing
Display	Large LCD
Enclosure dimensions	200 x 151 x 81 mm
Instrument overall weight	1.5 kg (inclusive of batteries)
Enclosure Type	Aluminium casing with protection holster
Internal Memory	450,000 data point
Data Log Export	Via Standard USB B-Type port
Auto-Correct	Continuous Internal Temperature Compensation
Power source	Rechargeable Li-ion Battery 48 W-h (~16 hours autonomy)



### All accessories included



**Ordering information:** E-TEST-II-01-A

### DIMENSIONS

