

TECHNICAL DATA SHEET

PRODUCT	CHARGEABLE DIGITAL CHART RECORDER
MODEL	ESI-1K-TB
SERIES	ESI-TB



Digital Chart Recorder with a 0.15% accuracy in multiple pressure ranges with customizable test reports in a lightweight yet rugged mobile weatherproof case. Easy Software Interface for Real-Time Pressure, Temperature Monitoring, Reporting and record pressure. Light Weight Design (20 lbs.)

SPECIFICATIONS

Model ESI-1K-TB

Test pressure 1000 psi Test
 pressure 68 Bar Temperature
 ranges: F or C 110 V Electrical
 power Inlet port 1/4" FNPT

Accuracy Pressure:

1000 Psi - 0.15%
 500 Psi - 0.40%
 300 Psi - 0.73%
 250 Psi - 0.87%

FEATURES/BENEFITS

- Up to 5Hz – 5 Readings per Second
- Rugged MILSPEC Windows 10 & Windows 11 Pro, 12" Tablet – 120F Max Working Temp
- Pressure Sensor - Accuracy (NLHR) $\pm 0.15\%$ of span BFSL
- 1/4" Female NPT
- Installed into a Rugged Mobile Case
- USB Plug for easy device connection
- 220V & 110V Connection for Standard Shop Power (USA)
 or EURO, Africa, UK & Asia
- Recording Software & WORD License Included
- Create customized test certificate
- Automatic temperature compensation
- Battery System: 41Wh, 5400mAH, 7.6V
- Re-chargable Battery (6-8 Hour Battery Life)
- Memory: 16GB DDR5 RAM
- Storage: 256gb, On-board (M.2 PCIe Gen3.0 x 4)
- WLAN: Intel Wi-Fi 6E AX211 160MHz
- Bluetooth: 5.2

OPTIONAL

- Multiple pressure inlets/sensors for best accuracy pressure
- Upgraded table features
- External display adapters.