

ESI

DIGITAL CHART RECORDER

ESI-30K-PC SERIES



High-Accuracy Digital Chart Recorder ($\pm 0.15\%$) for multi-range pressure testing. Features customizable test reports and real-time pressure and temperature monitoring through an intuitive software interface. Housed in a lightweight (20 lbs), rugged, and weatherproof mobile case – perfect for field and laboratory use.

Model ESI-30K-PC Specifications

Model ESI-30K-PC	Accuaracy	Pressure
Test pressure 30,000 Psi	30,000 Ps	- 0.15%
Test pressure 2068 Bar	25,000 Ps	- 0.18%
Temperature ranges: F or C	20,000 Ps	- 0.23%
	15,000 Ps	- 0.30%
110 V Electrical power	10,000 Ps	- 0.45%
	5,000 Psi	- 90%



Features & Benefits of the Digital Chart Recorder



- Fast data capture with up to 5 readings per second (5Hz) for precise pressure testing.
- Includes a rugged MIL-SPEC 12" Windows 10 tablet rated for temperatures up to 120°F.
- High-accuracy pressure sensor with $\pm 0.15\%$ of span BFUL (NLHR).
- Compatible with $\frac{1}{4}$ " high-pressure female (F250C Autoclave / 9/16-18 UNF female) fittings.
- Mounted in a rugged, weatherproof mobile case for field durability.
- USB plug-and-play connectivity for quick setup and data transfer.
- Standard 110V power connection (USA); optional 220V converter for use in Europe, Africa, UK, and Asia.
- Comes with data recording software and a Microsoft Word license.
- Generate customized test certificates directly from the interface.
- Includes automatic temperature compensation for reliable, accurate readings.
- Instructional training video included for easy setup and operation.

Optional Features

- Support for multiple pressure inputs/sensors to achieve maximum pressure accuracy.
- Enhanced tablet specifications for faster data processing and display.
- External display connectivity via adapter for real-time data visualization.

