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TestLog workshop data logger

The TestLog is a combined industrial PC and data logging unit, purpose-built for high throughput production testing.



Benefits:

One TestLog can record and display multiple tests simultaneously, potentially replacing multiple paper chart recorders.

The easy to use, plug and play system requires minimal training and reduces operator error while the software creates client-ready reports within minutes.

Typical Applications:

Pressure testing/Temperature; Torque – rotation/linear; Jar testing – linear; Sheer testing – pressure/linear; Valve testing – flow/pressure; Manufacturing – density (cement, drilling fluid, muds & chemicals)

Features:

- Historical library with review and quick preview of previous tests
- Automatic stability testing – one channel only
- Add comments during and after testing
- Sample rate up to 40/second
- Wide range supply input: 100 to 250 VAC (47 or 63 Hz)
- Software generates PDF report
- Download to USB or over LAN
- Synchronised network backup
- Modify job details after recording

Basic operation:

All software functions are available via onscreen button menu with self-explanatory structure.

- Enter job information and stability test criteria
- Real time digital measurements and live graphical update are displayed
- Stop test after pass is accepted
- Add comments to graph prior to report generation
- Report printout auto generated in PDF format; test saved in CSV format

Improve efficiency.
Increase safety.
Reduce costs.

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Specifications	Standard	Options
Basic computer	MS Win 11 Pro 64 bit Intel Core i5, 2.4GHz 4 GB RAM NVMe 12GB SSD	N/A
Display enclosure	IP65 316 S/S 420 x 80 x 380mm (main body) 8.2 kg -20 to +60°C storage temp. 0 to +45°C operating temp.	*Can be supplied attached to wheeled stand or with wall bracket*
Display screen	17" TFT touch screen 1280 x 1024 resolution 350 cd/m2 brightness 80(U) 80(D) 85(L) 85(R) viewing angle	N/A
Power supply	85-250VAC Input	N/A
Keyboard	IP65 rating Full keys + pointer device	N/A
Ports	1x Ethernet 2x USB 2.0 WLAN	
DAQ Inputs	8 x 4-20 mA	
DAQ Connectors	Industrial binder	
Examples of Sensors and Transducers *Contact us to discuss your requirements*	**Industrial Pressure Transducers** Rating: Industrial Environment Specification Pressure range: 0-20,000PSI Pressure Accuracy: +/- 0.15% FS Pressure Connection: 9/16 UNF High Pressure Female* Signal: 4-20mA Cable: 5 metres of LSZH cable c/w logger connector *Transducers can be supplied with connections suitable to client requirements **Temperature Sensor** Diecast adaptor unit, -50 to +150°C, PT100 Probe 100x 6mm, 2m lead; c/w 5m cable, c/w connectors	

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