

REAL TIME. ON-LINE. IN-LINE.



FluidTrackr® DataLogger- Key Features

- Designed for handheld and portable applications.
- User friendly, simple to use interface.
- Plug-n-play sensor connectivity and installation.
- Up to 4 sensors can be tracked simultaneously.
- Log fluid condition data (discrete and continuous) by fluid, batch and time using ViSmart® viscosity sensors.

Panasonic Toughbook U1™ - Key Features¹

- MIL-STD-810F and IP54 compliant.
- 4-foot drop approved.
- Rain, spill, dust and vibration resistant.
- 5.6" widescreen 1024 x 600 sunlight-viewable TFT active matrix LCD.
- Touchscreen LCD with anti-reflective screen treatment.
- Battery operation: 9 hours.
- 1024MB SDRAM.
- 16GB Solid State Removable Drive.

Description

The FluidTrackr® DataLogger, based on the Panasonic Toughbook U1™ platform, is an extremely high performance, flexible, robust, reliable and portable fluid condition data logger. The FluidTrackr® DataLogger is designed to view and track fluid viscosity, temperature and a variety of other fluid condition data in real time for on-line and in-line applications.

Additional Features

- Instantaneously operational, real-time data collection capability with the ViSmart® sensor. ViSmart® solid-state sensors have no moving parts and are immune to mechanical vibration. They have been robustly designed for challenging process control and embedded applications.
- Data is automatically graphed and scaled so that data trends can be identified in real-time.
- Raw viscosity data and moving average data points displayed. Graphs can be scaled to suit user requirements.
- Data storage for historical views of data on onboard memory.
- User can assign fluid identification tags including batch ID, type and location.
- Data can be imported into Microsoft Excel® for additional analysis.

Performance Specifications

Parameter	Value
Number of Sensor Ports	1 - can be expanded to 4 using USB hub
Number of ViSmart™ Sensors supplied ²	1
Onboard Memory	1024MB SDRAM
Onboard Storage	16GB solid state removable drive ¹
CPU	Intel® Atom Processor Z520 ¹
Processor Speed	1.33GHz ¹
Display	5.6' widescreen 1024 x 600 sunlight-viewable TFT active matrix LCD ¹
Input	Touchscreen LCD with anti-reflective screen treatment ¹
Power Supply	Twin hot-swappable lithium ion battery pack (7.2V, 2900mAh each)
Wireless	Intel® Wireless WiFi Link 5100 802.11a/b/g/draft-n ¹
Bluetooth	Bluetooth® v2.0 + EDR ¹
Battery Operation	9 hours ¹
Battery Charging Time	7 hours off, 10 hours on ¹
AC Adaptor	AC 100V-240V 50/60Hz ¹
Dimensions	2.2' (H) x 7.2' (W) x 5.9' (D) ¹
Weight	2.3lbs. (with strap and both batteries) ¹

Part Numbers

Description	Sensor Type	Sensor Qty	Application Support	Part No.
FluidTrackr® DataLogger	Stand alone option	n/a	8 hours	720200009
FluidTrackr® DataLogger Low Shear Immersible Bolt Kit - Gold	Low Shear Immersible 0.5" NPT Bolt	1	8 hours	723200016

Notes:

- As specified in Panasonic Toughbook U1™ specification sheet, "http://www.panasonic.com/business/Toughbook/reseller-ultramobile-rugged-product.asp", October 2008.
- Refer to ViSmart® Viscosity Sensor Specification Sheets for detailed information.
- All FluidTrackr® Gold Starter Kits include:
 - FluidTrackr®
 - One Sensor
 - One SSI to USB Converter
 - One Calibration Fluid Bottle
 - Panasonic Toughbook U1™ Documentation and Software CD(s)
 - Sensor Documentation and Software back-up CD

Product status and specifications are subject to change.

DISCLAIMER

Vectron International reserves the right to make changes to the product(s) and or information contained herein without notice. No liability is assumed as a result of their use or application. No rights under any patent accompany the sale of any such product(s) or information.

REV. E