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FLUKE Reliability Product Catalog



POWER MONITORING

Fluke 3540 FC Three-Phase Power Monitor and Condition Monitoring Kit



Key features

- Measures:
 - Single, split, or three phase loads
 - Voltage, current, and frequency
 - Active power, non-active power, and power factor
 - Total harmonic distortion
- Wireless data collection or internal memory sufficient for 1 week with 1 second data intervals
- Remotely monitor real-time and historical power variable data
- Visualize data with software trending, graphing, and timeboxing

VIBRATION MONITORING

3561 FC Vibration Sensors



Key features

- Wireless, compact sensors for a scalable remote monitoring solution
- Alarms based on user-defined or Fluke Overall Vibration Severity (FOVS) scale thresholds
- Capture rate: One data point every 90 seconds
- Visualize data with software trending and graphing
- Remotely view real-time and historical triaxial vibration, surface temperature data
- Choose from 1- or 3-year software licenses (where applicable)
- Battery life: 3 years (varies by usage)
- Size:
 - Sensor - (H x W) 2.42 in. x 0.95 in.
 - Gateway - (H x W x L) 2.26 in. x 1.55 in. x 1.82 in.

VIBRATION ANALYSIS

Fluke 810 Vibration Tester



Key features

- On-board identification and location of the most common mechanical faults (bearings, misalignment, unbalance, looseness) focus maintenance efforts on root cause, reducing unplanned downtime
- Overall vibration level allows you to quickly assess overall machine health directly from the diagnosis screen
- Fault severity scale with four severity levels helps you prioritize maintenance work
- Repair recommendations advise technicians on corrective action
- Detailed diagnostic reports and spectral diagrams help confirm data quality, and narrow down the root cause of failures
- On-board context sensitive help provides real-time tips and guidance

Fluke 805 Vibration Meter



Key features

- Reliable, repeatable, accurate device for checking bearings and overall vibration
- Features innovative sensor design that minimizes measurement variations caused by device angle or contact pressure
- Provides consistent data quality at both low and high frequency ranges
- Offers four-level severity scale to assess urgency of problems and bearing condition

Fluke 805 FC Vibration Meter



Key features

- **EASY SETUP**
Quickly create asset list and work order on your PC, setup machine profiles using Fluke Connect App on your smart device, push routes to your 805 FC for your technicians in the field.
- **CONSISTENT DATA QUALITY**
Take accurate, reliable measurements at both low and high frequency ranges
- **MOBILE DATA ACCESS**
Store results in the cloud and share data with your team remotely
- **INNOVATIVE SENSOR DESIGN**
Minimize measurement variations caused by device angle or contact pressure

Fluke 820-2 LED Stroboscope



Key features

- Rugged, compact, easy to use stroboscope for checking the rotating speed of machinery without physical contact or the need for reflective tape
- Features high-intensity 7-LED array—4,800 Lux @ 6,000 FPM/30cm
- Provides a high-efficiency LED solid-state light source with uniform flash characteristics that allow for higher flash rates—30-300,000 FPM (flashes per minute)

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Machine and shaft alignment



Machine and plant monitoring



Non-destructive material testing

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