

Portable Intermittent Fault Detector™ (PIFD™)

PIFD Eliminates:



Repeated returns of the same assembly for repair



Excessive spare part stock to cover units out of service



Scrapping costs associated with unrepairable units



Wasted time using technology that cannot detect intermittent faults



Downtime to replace units

Portable Intermittent Fault Detector by Universal Synaptics

The Portable Intermittent Fault Detector (PIFD) is a cutting-edge technology developed and patented by Universal Synaptics. It is MIL-PRF-32516 compliant and purpose built to detect a wide range of faults in complex electronics and electrical systems. It is an indispensable tool for engineers and technicians in various industries.

Features:

- Portable, lightweight design
- Easy to use interface (minimal training)
- Fast and accurate intermittent fault detection
- Detect intermittent faults, open circuits, shorted circuits, and mis-wiring
- AutoMap™ technology eliminates the need for Test Program Set (TPS) development
- 256 and 512 test point variants available
- Technology Readiness Level (TRL) 9

Benefits:

- Save time and money by identifying and fixing faults quickly (reduces troubleshooting time by up to 90%)
- Increase system reliability and reduce downtime
- Improve mission readiness
- Reduce maintenance costs
- Improve overall system performance and efficiency
- Improves system safety through No Fault Found (NFF) / Can Not Duplicate (CND) remediation
- F-35 Authority to Operate (ATO)
- National Stock Number (NSN) listed:
 - PIFD-256 6625-01-696-1902
 - PIFD-512 6625-01-696-1235
- Available in Integrated Logistics Support-Specific (ILS-S)
- Boeing AMM approved for all type/model/series



Universal Synaptics is the industry leader in detecting and isolating elusive intermittent faults that plague aerospace, defense, and commercial industries. The massive digital testing void that exists today with scanning test equipment led to the development of the patented PIFD™, IFDIS™, and IFDIS 2.0™ Intermittent Fault Detectors. Our mission is to help our customers maximize the reliability and performance of their critical systems and equipment while significantly reducing maintenance costs.

Contact us today to learn more about the Portable Intermittent Fault Detector and the benefit to your organization.

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