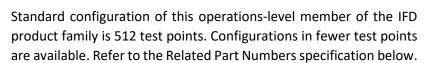
Part Description:

The Portable Intermittent Fault Detector[™] (PIFD[™]) product family is an advanced diagnostic tool that is purpose-built to supplement traditional test equipment and address the decades old issue of intermittent failures. The patented Intermittent Fault Detector[™] (IFD[™]) technology, by Universal Synaptics Corporation, can simultaneously and continuously monitor every circuit path within a Unit Under Test (UUT) for intermittent failures as short as 50 nanoseconds. This state-of-the-art technology is tightly packaged in a ruggedized, environmentally sealed, single-person carry case. EMI properties and user safety are the basis for every design element. To ensure a complete assessment of a UUT's wiring integrity, the IFD also has the capability to perform other traditional hard failure tests. Never has there been a more comprehensive and complete wiring diagnostic solution.





Part Specifications:

Integral Computer	Intel Atom 1.9 GHz processor
	8GB DDR3L DIMM
	1x Internal 256 GB MSATA solid state drive
	1x USB 2.0
Test Software	Synapse software - Intermittence, Continuity, Shorts, Fault Isolation, AutoMap, Test Reports
Integrated Multimeter	6.5 Digit fully integrated digital multimeter
	Calibration not required
Test Interface	12x 50 Point D-Sub connectors
Carry Case	Strong HPX(R) High Performance Resin
	Airtight and Watertight when closed
	Press & Pull Latches
	Double-layered, soft-grip handle
Electrical Service	Input Power – 100 - 240 VAC, 2 A
	Frequency – 50/60Hz
Size and Weight	Exterior Dimensions – 24.6 x 19.7 x 8.6 in (62.5 x 50 x 21.8 cm)
	System Weight – <42 lbs (19.05 kg)
	Custom Packaging available (PN: USC-CarryCase-00001)
Operating Environment	Indoor or Outdoor use
	Operating Temperature – 2 to 50 degrees Celsius
	Storage Temperature – 0 to 60 degrees Celsius
	Humidity – 5 to 90% non-condensing
	Operating Altitude – 5000 m
	Voltage Fluctuations – +/- 10% of input rating
Regulatory	MIL-PRF-32516, MIL-STD-461, MIL-STD-1472, MIL-STD-810, CE marked
Warranty	12 Months
Related Part Numbers	USC-IFD-00128, USC-IFD-00256