

PV troubleshooting test equipment market

Product comparison

Focus: troubleshooting and diagnostics.	Emazys Z200 PV Analyzer	SOKODES 10P1 : Seaward PV 150	PV Engineering: PVPM1000X	FLIR T440bx IR Camera	FLIR 75604-1404, Aerial Thermal Camera (Drone)	Greateyes LumiSolar outdoor EL test
Position of GND fault test	✓	✗	✗	✗	✗	✗
Position of disconnection test	✓	✓	✗	✓	✗	✓
Open Bypass Diodes	✓	✗	✗	✓	✓	✓
Shorted bypass diodes test	✓	✗	✗	✓	✓	✓
Max voltage and current test	✓	✓	✓	✗	✗	✗
IV curve test	✗*	✗	✓	✗	✗	✗
Shunting indication (PID) test	✓	✗	✗	✓	✓	✓
Tone generator and tone tracer pickup test	✓	✗	✗	✗	✗	✗
Prolonged fault monitoring & timer	✓	✗	✗	✗	✗	✗
Handy and mobile product	✓	✓	✓	✓	✗	✗
Operated by 1 person	✓	✓	✓	✓	✓	✗
Mobile /web integration	✓	✗	✗	✗	✗	✗
Works in cloudy weather	✓	✓	✗	✗	✗	(only on dry nights)
Education and training required	Medium	Medium	Medium/High	Medium/High	High	High
End user price in EUR	https://emazys.com/contact					