

MULTI-FUNCTIONAL RESISTANCE WELD MONITOR

Model: TM-550V



Characteristic

15 conditions can be set.

By monitoring each welders such as inverter power supply, single-phase AC, single-phase rectification, pulsation, capacitor, seam, etc., the production rate of non-conforming products will be reduced.

Using the optional communication function, welding result data can be output to an external device.

Tetra-k Co.,Ltd.

Specifications

Model		TM-550V	
Measurement Specifications	Applicable welders		
	Single-phase AC welder Inverter welder Capacitor welder Single-phase rectifier welder Three-phases rectifier welder Three-phases low frequency welder (Option)		
	Current	Range	10G toroidal coil: 20–999 A / 0.2–9.99 KA 1G toroidal coil: 0.2–9.99 KA / 2.0–99.9 KA
		Item	RMS/Peak
Time	Range	Single-phase AC type: 0.5–99.5 CYC / 1–999 CYC Inverter type: 0.1–99.9 ms / 1–999 ms Capacitor type: 0.01–9.99 ms / 0.1–99.9 ms Single-phase rectification type and Three-phases rectification type: 0.5–99.5 CYC / 1–999 CYC	
Judgment	Current / Time	Upper / lower 15 conditions	
	No current	Yes	
Body Specification	Display method	LED digital display	
	Detection method	Toroidal coil	
	Output	DC power: 24 V / 50 mA Max Open collector: GO,NG, No current,Count up,Ready,Spare Normally open contact: GO,NG Analog wavefome: Tirgger,Current	
	Data communication function	RS-232C Interface: D-sub 9 Pin(Optional)	
	Power supply	Single-phase AC 100 V ± 10% 50/60 Hz	
	Power consumption	Approx. 15 VA	
	Usable temperature range	0–45°C (Non-condensing)	
	Weight	Approx. 3.3 Kg	
	Outside dimensions	100 mm(W) x 185 mm(H) x 250 mm(D)	
Standard accessories	Power cable,Toroidal coil (TCS-1G50L)		

Dimensions

