

KEWTECH

KT64



PRODUCT DATA SHEET

KT64

PAT TESTER WITH AUTO TEST SEQUENCES

- Easy to use
- No tripping loop impedance tests
- Test button in probe as well as lockdown test button for 'hands free' testing
- Easy PFC & PSC measurement without the need to alter test probes
- Additional LED for warning of high voltage output in insulation test mode
- Selectable touch voltage
- Backlit display
- Auto-test for RCD testing – single screen results
- End of line calibration certificate included

ACCESSORIES

- ACC064SP G7 Test remote with remote test button
- ACC064 G7 Test lead set
- Batteries
- Printed Instruction Manual
- Calibration Certificate
- Kamp 13 Mains lead
- Test lead pouch
- Soft carry case

OPTIONAL

- FC1000 calibration checker

SPECIFICATIONS

CONTINUITY

Open Circuit Voltage (DC)	Short Circuit Current	Range	Accuracy	
5V±20%	Greater than 200mA	20 / 200 / 2000Ω Auto-Ranging	0 ~ 0.19Ω 0.2 ~ 2000Ω	±0.1Ω ±(2%rdg+8dgt)

2Ω Buzzer: Buzzer sounds when measured 2Ω Buzzer Accuracy: 2Ω±0.3Ω resistance is 2Ω or less.

INSULATION RESISTANCE

Open Circuit Voltage (DC)	Rated Circuit Current	Range	Accuracy
250V+40% -0%	1mA or greater @ 250kΩ	20 / 200MΩ Auto-Ranging	20 ~ 200MΩ ±(5%rdg+6dgt)
500V+30% -0%	1mA or greater @ 500kΩ	20 / 200 / 2000MΩ Auto-Ranging	200 ~ 2000MΩ ±(5%rdg+6dgt)
1000V+20% -0%	1mA or greater @ 1MΩ	20 / 200 / 2000MΩ Auto-Ranging	200 ~ 2000MΩ ±(5%rdg+6dgt)

LOOP IMPEDANCE

Function	Rated Voltage	Nominal Test Current at 0Ω External Loop: Magnitude/Duration	Range	Accuracy
L-PE	100 ~ 260V 50/60Hz	20Ω: 6A/20ms 200Ω: 2A/20ms 2000Ω: 15mA/360ms	20 / 200 / 2000Ω Auto-Ranging	±(3%rdg+4dgt)
L-PE (ATT)	100 ~ 260V 50/60Hz	L-N: 6A/30ms N-PE: 10mA approx. 4s	20 / 200 / 2000Ω Auto-Ranging L-N < 20Ω	±(3%rdg+6dgt)
L-N/L-L	100 ~ 500V 50/60Hz	20Ω: 6A/20ms	20Ω	±(3%rdg+4dgt)

PSC (L-N/L-L) / PFC (L-PE)

Function	Rated Voltage	Test Current	Range	Accuracy
PSC	100~500V 50/60Hz	6A/20ms	2000A/20kA Auto-Ranging	PSC accuracy is derived from measured loop impedance specification and measured voltage specification
PFC	100~260V 50/60Hz	6A/20ms 2A/20ms 15mA/360ms	2000A/20kA Auto-Ranging	
PFC (ATT)	100~260V 50/60Hz	L-N: 6A/30ms N-PE: 10mA/approx. 4s	2000A/20kA Auto-Ranging	

RCD

Function	Rated Voltage	Accuracy		Trip Time
		Trip Current		
		AC Type	A Type	
X1/2	230V+ 10%-15% 50/60Hz	-8%~2%	±10%	±(1%rdg+3dgt)
X1		+2%~+8%		
X5		+2%~+8%		
Ramp (▲)		±4%		
Auto	Depending on the accuracy at each function Measurement sequence: X1/2 0°->X1/2 180°->X1 0°->X1 180°-> X5 0°-> X5 180° Measurements with X5 aren't carried out when current is 300mA or more.			