

# KEWTECH

## KT60



### PRODUCT DATA SHEET

#### KT60

#### DIGITAL LOOP/PSC & RCD TESTER

- NEW Anti-Trip Technology for full no trip LOOP testing on all RCD types
- 15mA low current/soft LOOP test
- Noise override button for high current LOOP test
- 20, 200 & 2000Ω Loop measurement ranges
- PSC measurement up to 20kA
- Displays mains voltage before test
- Lock-down test button for hands-free testing
- Protected against phase to phase connection
- RCD Ramp test feature
- 18 RCD test current ranges
- DC range for type A DC sensitive RCD's
- UC (contact voltage): 100V
- 0° and 180° phase switch for optimum testing
- Constant current output
- Instant correct wiring status check
- Complies with BS7671 (Part P)

#### ACCESSORIES

- KAMP 13 mains lead
- Instruction Manual
- Certificate of Conformity
- ACC016E 3 wire distribution board test lead
- Batteries
- Test lead pouch
- Carrying strap

#### OPTIONAL

- ACC018 mains lead with external earth probe
- Calibration Certificate

### SPECIFICATIONS

Range		Rated Voltage	Rated Current	Measuring Range	Accuracy		
LOOP	Normal Meas.	20Ω	25A	0~20Ω	3%rdg±4dgt		
		200Ω	2.3A	0~200Ω			
		2000Ω	15mA	0~2000Ω			
	ATT	20Ω	P-N: 25A N-E: 15mA or less *Resistance between P-N must be 20Ω or less	0~20Ω	3%rdg±4dgt		
		200Ω		0~200Ω (P-N: 20Ω or less)			
				0~200Ω			
PSC	Normal Meas.	230V-15%+10%50Hz	20kA	25A	0~20kA	Decided by LOOP accuracy	
			2000A	25A	0~2000A		
			200A	2.3A	0~200A		
	ATT		20kA	P-N: 25A N-E: 15mA or less *Resistance between P-N must be 20Ω or less	0~20kA	Decided by LOOP (ATT) accuracy	
			2000A		0~2000A		
					200A		0~200A
RCD	X 1/2	230V-15%+10%50Hz	Current Range 10 / 30 / 100 / 300 / 500 / 1000mA 0 / 180°	Meas. time 2000ms	Current accuracy -8% ~ -2%		
	X 1				Current Range 10 / 30 / 100 / 400 / 500 / 1000mA 0 / 180°	Meas. time 2000ms (200ms only at 1000mA)	Energization 3% of FS
							Time meas. 1%rdg±3dgt
X 5	230V-15%+10%50Hz	Current Range 10 / 30 / 100mA 0 / 180°	Meas. time 50ms	Current accuracy +2% ~ +8%			
				Energization 3% of FS			
				Time meas. 1%rdg±3dgt			

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### SPECIFICATIONS

Range	Rated Voltage	Rated Current	Measuring Range	Accuracy	Remarks	Range
RCD	DC		Current Range 10 / 30 / 100 / 300 / 500mA 0 / 180°	Meas. time 2000ms (200ms only at 500mA)	Current accuracy $\pm 10\%$ Energization 3% of FS Time meas. 1%rdg $\pm 3$ dgt	Without 6.3mA of bias-current
	Auto Ramp		10 / 30 / 100 / 300 / 500mA	20%~110% against current range (increase every 10%) 300ms x 10 times	-4%~+4%	
	Uc		Current Range 10 / 30 / 100 / 300 / 500 / 1000mA	0.0V~100.0V	5%~15%rdg $\pm 8$ dgt	
Voltage Meas.		100V~300V 50Hz			2% $\pm 4$ dgt	
Reading Type		Average of multiple readings				