

кт 171

- AC and DC voltage tests up to 690V with LEDs and LCD
- · Comply with the latest standards IEC 61243 and IEC 61010
- · Novel design Large and bright LEDs: Values are visible in the dark place Ergonomic design fits in the hand
- · Two functions are available in one model "Measurement without battery" and "Self Test (all LED on)"
- · Test leads withstand harsh environments at low temperature
- · Penlight (white LED)
- · Auto-power ON/OFF
- · Audible indication
- Variable test tips, φ2mm or φ4mm
- · Probe protection cover can store the attachment of caps
- IP65 (IEC 60529)



■ Voltage Test (Double-pole Test)

. The voltage is indicated by LEDs.

Buzzer sounds and Live circuit LED lights up when a threshold voltage of 50V is exceeded.

· Voltage polarity is indicated in following manner.

AC

+DC

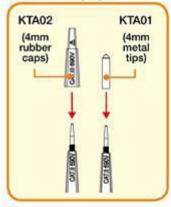
-DC 12 E 12 E 12 E 12 E



Single-pole Phase Test



Variable top tips



Probe Protection Cover



Store the attachment of caps



4mm Tips Replacement

How to fixing 4mm Tips on L1 probe- and L2 probe+.











Volta	ge Test	
Voltage Range		12~690V AC/DC
LED	Nominal Voltage	12/24/50/120/230/400/690V AC (16~400Hz), DC (±)
	Tolerance (Threshold Voltage)	Light on at more than: 7±3V (12V LED) 18±3V (24V LED) 37.5±4V (50V LED) 75%±5% of nominal voltage (120/230/400/690V LED)
	Response Time	<0.6s at 100% of each nominal voltage
LCD	Range/Resolution (Auto-range)	300V AC/DC (6.0~299.9)/0.1V 690V AC (270~759)/1V 690V DC (270~710)/1V
	Accuracy (23±5°C)	±1.5V (7~100V) ±1%±5dgt (100~690V) AC (16~400Hz), DC(±)
	Over limit Indication	"OL"
	Response Time	Approx. 1s at 90% - 110% of each voltage
Peak Current		Is<3.5mA (at 690V)
Measurement Duty		30s ON (operation time) 240s OFF (recovery time)
Singl	le-pole Phase Test	
Voltage Range		100~690V AC (50/60Hz)
Phas	e Rotation Test	
System		Three-phase 4-wire system 200~690V phase-to-phase AC (50/60Hz)
Phase Range		120±5 degree
Continuity Test		
Detection Range		0~400kΩ+50%
Test Current		Approx. 1.5μA (battery 3V, 0Ω)
Gene	eral	
Operating temperature and humidity ranges		-15~55°C, max 85% RH (No Condensation)
Storage temperature and humidity ranges		-20~60°C, max 85% RH (No Condensation)
Applicable Standards		IEC 61243-3, IEC 61010-1, IEC 61010-031, IEC 61557-7 CAT.III 690V / CAT.IV 600V Pollution degree 2
IP Rating		IP65 (IEC 60529)
Power Source		LR03 (AAA) 1.5V×2
Dimensions		246(L)×64(W)×26(D) mm
Weight		190g (including batteries)
Accessories		LR03 (AAA) 1.5V×2, KTA01 (4mm metal tips [2pcs/set]), KTA02 (4mm rubber caps [2pcs/set]), Instruction manual



