



# Digital Loop Tester

8025 LP

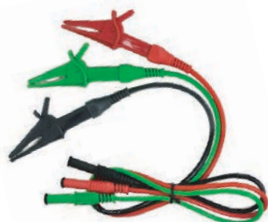


## DIGITAL LOOP/PSC TESTER

- Battery is not used.
- 3½ digit LCD (2000 – count).
- Backlight function.
- 15mA loop measurement which will not trip ELCBs.
- Convenient and easier for users to measure the loop impedance directly without bypassing the wires.
- Wiring check function.
- Over temperature protection.
- Over voltage protection.
- Built-in voltmeter.
- Built-in earth tester.
- Built-in loop/psc tester.
- Safety standard :  
EN 61010-1 CAT III 300V  
EN 61326-1



### Accessories



AL-8025



TEL-EL  
(Optional)



# Digital Loop Tester

**8025 LP**

## INSTRUMENT LAYOUT



- (1) LCD
- (2) TEST button
- (3) Function rotary switch
- (4) Backlight button
- (5) L (LINE) terminal
- (6) N (NEUTRAL) terminal
- (7) E (EARTH) terminal

## Voltage Display

Measuring range	Accuracy	Remark
150~260 V	(2%rdg + 4dgt)	at 0 Ω external loop

## General

Temperature	0 ~ 40 °C	
System voltage	230V	+13%
		-15%
System frequency	50Hz	
None Battery system voltage	150V ~ 260V	
Over Temperature Protection	When overheating, the "⚠" symbol will show on the LCD, and the 8025LP stop measuring.	
Wiring check	P-E	LEDs illuminate when the wiring polarity of circuit under test is correct
	P-N	
	N-E	LED is light when P and N are reversed or the Earth is not connected.
15mA Loop measurement	<b>Loop impedance 2000Ω range measurement is carried out with low test current (15mA). The current will not cause tripping out for ELCBs.</b>	

## SPECIFICATIONS

### Loop Impedance

Range	Measuring range	Nominal test current at 0 Ω external loop	Accuracy
20 Ω	0.00~19.99 Ω	23A / 40ms	(2%rdg + 4dgt)
200 Ω	0.0~199.9 Ω	2.3A / 40ms	
2000 Ω	0~1999 Ω	15mA / 400ms	

### Prospective Short-circuit Current

Range	Measuring range	Nominal test current at 0 Ω external loop	Accuracy
20 KA	0.00~4.00 KA	23A / 40ms	Consider accuracy of loop impedance
2000 A	0~1999 A	23A / 40ms	
200 A	0.0~199.9 A	2.3A / 40ms	

