



## PRODUCT DATA SHEET

### EZYPAT

- Battery operated
- Automatic test sequences
- PASS / FAIL – Green / Red screens
- Appliance status pre-check
- Quick check Continuity
- 5 second continuity
- 250V Insulation
- 500V Insulation
- Substitute leakage test
- Extension Lead Test
- Test lead nulling
- Backlight

## INCLUDED ACCESSORIES

- Earth lead with probe and croc clip
- Extension lead adapter
- Carry bag with strap
- Quickstart manual
- End of line Cal Cert

## PRODUCT INFO

- 140 x 130 x 295 Boxed (WxDxH mm)
- 1.6kg Weight
- EAN 5060084081963
- Made in Japan

# EZYPAT

## Manual PAT Tester with automatic sequences

## SPECIFICATION

### PROTECTIVE CONDUCTOR RESISTANCE TEST

Measuring range	0.00 - 20.00 $\Omega$ (NULL value inc)*
Over-range indication	> 20.00 $\Omega$
Resolution	0.01 $\Omega$
Open-circuit voltage	5 V $\pm 0.4$ V DC
Measuring current	200 mA DC (nominal value)
Accuracy	$\pm 3\% \text{rdg} \pm 5 \text{dgt}$

\* Resistances exceeding 3  $\Omega$  cannot be cancelled by NULL function.

### INSULATION

Rated voltage	250V	500V
Measuring range	0.00 - 20.00 M $\Omega$	
Over-range indication	> 20.00 M $\Omega$	
Resolution	0.01 M $\Omega$	
No-load voltage	250 V DC +20%, -0%	500 V DC +20%, -0%
Short-circuit current	1.5 mA DC or less	
Rated current	1 - 1.2 mA with a load of 0.25 M $\Omega$	1 to 1.2 mA with a load of 0.5 M $\Omega$
Accuracy	$\pm 2\% \text{rdg} \pm 3 \text{dgt}$	

### SUBSTITUTE LEAKAGE

Measuring range	0.10 - 12.00 mA rms
Over-range indication	> 12.00 mA
Resolution	0.01 mA
Open-circuit voltage/ Freq.	30 V $\pm 5$ V rms / 50 Hz $\pm 5\%$
Measuring current	1.2 mA AC $\pm 0.5$ mA (when measuring 12.00 mA)
Accuracy	$\pm 3\% \text{rdg} \pm 5 \text{dgt}$

### INSULATION TEST BETWEEN L-N

Open-circuit voltage	4.5 V $\pm 0.5$ V DC
Criteria of judgement	100 k $\Omega$ $\pm 20$ k $\Omega$ or less: LCD shows "<0.10 M $\Omega$ " and the measurement is halted.

### APPLICABLE STANDARDS

Safety	IEC/EN 61010-2-030 IEC/EN 61010-031 CAT III 600V
EMC	EN 61326-1, 2-2
Possible number of measurements where battery voltage is within the effective range (measuring every 30 sec)	Approx. 1400 times (CLI Rpe: 0 $\Omega$ , Rins: 1.1 M $\Omega$ )