# KEWTECH

# EZYPAT

## Manual PAT Tester with automatic sequences.

### PRODUCT DATA SHEET

- 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

### ACCESSORIES

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

### OPTIONAL

- Pass & Fail labels
- PATLOG1 PAT testing record log book
- Calibration Certificate
- KEWPAT APP

## SPECIFICATIONS

### PROTECTIVE CONDUCTOR RESISTANCE TEST

| | |
|---|---|
| Measuring range | 0.00 - 20.00 Ω (NULL value inc)* |
| Over-range indication | > 20.00 Ω |
| Resolution | 0.01Ω |
| Open-circuit voltage | 5 V ±0.4 V DC |
| Measuring current | 200 mA DC (nominal value) |
| Accuracy | ±3%rdg ±5dgt |

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

### INSULATION

| Rated voltage | 250V | 500V |
|---|---|---|
| Measuring range | 0.00 - 20.00 MΩ | |
| Over-range indication | > 20.00 MΩ | |
| Resolution | 0.01 MΩ | |
| 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 MΩ | 1 to 1.2 mA with a load of 0.5 MΩ |
| Accuracy | ±2%rdg±3dgt | |

### SUBSTITUTE LEAKAGE

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

### INSULATION TEST BETWEEN L-N

| | |
|---|---|
| Open-circuit voltage | 4.5 V ±0.5 V DC |
| Criteria of judgement | 100 kΩ ±20 kΩ or less: LCD shows "<0.10 MΩ" and the measurement is halted. |

### APPLICABLE STANDARDS

| | |
|---|---|
| Safety | IEC/EN61010-1 CAT II 300V-instrument<br>IEC/EN61010-2-030<br>IEC/EN61010-031 CAT III 600V |
| EMC | EN61326-1, 2-2 |
| Possible number of measurements where battery voltage is within the effective range (measuring every 30 sec) | Approx. 1400 times<br>(CLI Rpe: 0 Ω, Rins: 1.1 MΩ) |