

| Specifications                     | Range                                                                              | UT191E         | UT191T         |
|------------------------------------|------------------------------------------------------------------------------------|----------------|----------------|
| <b>Certificates</b>                | <b>CE, UKCA, GS, cTUVus</b>                                                        |                |                |
| DC voltage (V)                     | 600V                                                                               | $\pm(0.2\%+5)$ | $\pm(0.2\%+5)$ |
| AC voltage (V)                     | 600V                                                                               | $\pm(1\%+3)$   | $\pm(1\%+3)$   |
| LoZ ACV (V)                        | 600V                                                                               | $\pm(2\%+3)$   | $\pm(2\%+3)$   |
| ACV LPF                            | 600V                                                                               | $\pm(2\%+5)$   | $\pm(2\%+5)$   |
| DC current (A)                     | 20A                                                                                | $\pm(0.8\%+3)$ | $\pm(0.8\%+3)$ |
| AC current (A)                     | 20A                                                                                | $\pm(1\%+3)$   | $\pm(1\%+3)$   |
| Resistance ( $\Omega$ )            | 60M $\Omega$                                                                       | $\pm(0.8\%+2)$ | $\pm(0.8\%+2)$ |
| Capacitance (F)                    | 60mF                                                                               | $\pm(3\%+5)$   | $\pm(3\%+5)$   |
| Frequency (Hz)                     | 10Hz~1MHz                                                                          | $\pm(0.1\%+4)$ | $\pm(0.1\%+4)$ |
| Duty cycle                         | 0.1%~99.9%                                                                         | $\pm(2\%+5)$   | $\pm(2\%+5)$   |
| Temperature ( $^{\circ}\text{C}$ ) | -40 $^{\circ}\text{C}$ ~400 $^{\circ}\text{C}$ (0.1 $^{\circ}\text{C}$ resolution) |                | $\pm(1\%+20)$  |
| Temperature ( $^{\circ}\text{F}$ ) | -40 $^{\circ}\text{F}$ ~752 $^{\circ}\text{F}$ (0.2 $^{\circ}\text{F}$ resolution) |                | $\pm(1\%+40)$  |
| ACV peak hold                      |                                                                                    | $\pm(2\%+100)$ | $\pm(2\%+100)$ |
| Peak current detection             |                                                                                    | $\pm(3\%+100)$ | $\pm(3\%+100)$ |
| Display count                      | 6000                                                                               |                |                |
| Sampling rate                      | 3 times/second                                                                     |                |                |
| Sampling rate                      | 3 times/second                                                                     |                |                |
| Analog bar graph                   | 31 sections                                                                        |                |                |
| AC voltage frequency response      | 45Hz~400Hz                                                                         |                |                |
| AC current frequency response      | 45Hz~400Hz                                                                         |                |                |
| Category ratings                   | CAT III 600V, IP65                                                                 |                |                |



UT191T

## Features

|                                             |                                 |
|---------------------------------------------|---------------------------------|
| Measurement setting saved after power reset | Diode/Continuity test           |
| Auto/Manual range                           | True RMS/Peak value measurement |
| Auto backlight/Flashlight                   | Auto power off                  |
| Low battery indication                      | Data hold/MAX/MIN               |
| Function selection (SELECT)                 | 20A current measurement         |
| IP65, 2m drop proof                         | LoZ AC measurement              |

Precise temperature measurement with resolution of 0.1 $^{\circ}\text{C}$  (UT191T)

## Characteristics

|                              |                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------|
| Standard accessories         | Test lead, battery, carrying bag, point contact temperature probe (UT191T), English manual |
| Power                        | 9V battery                                                                                 |
| Display                      | 58 x 42mm                                                                                  |
| Product size                 | 180 x 87 x 59mm                                                                            |
| Product net weight           | 428g                                                                                       |
| Standard individual packing  | Gift box                                                                                   |
| Standard quantity per carton | 10pcs                                                                                      |
| Standard carton measurement  | 535 x 315 x 335mm                                                                          |
| Standard carton gross weight | 9.2kg                                                                                      |