



UT278A+

UT270 series can quickly and safely measure the grounding system without disconnecting circuit ground lines or the need of auxiliary electrodes. It can measure resistance from 0.01Ω with a resolution of 0.001Ω. UT275 can also measure leakage current up to 30A. These clamps' double insulation design makes them durable tools for outdoor work and effective in blocking interference from the environment.

### Features

- Auto range
- Data hold
- Data recall
- LCD backlight
- Resistance limit alarm
- Low battery indication
- Auto calibration

| Specifications                           | Range           | UT275         | UT276A+              | UT278A+      |
|--|-----------------|---------------|----------------------|--------------|
| <b>Certificates (UT276A+/278A+ only)</b> | <b>CE, UKCA</b> |               |                      |              |
| Earth ground resistance (Ω)              | 0.01~0.099Ω     | ±(1%+0.01)    | ±(1%+0.01)           | ±(1%+0.01)   |
|  | 0.1~0.99Ω       | ±(1%+0.01)    | ±(1%+0.01)           | ±(1%+0.01)   |
|  | 1~49.9Ω         | ±(1.5%+0.1)   | ±(1%+0.1)            | ±(1%+0.1)    |
|  | 50~99.5Ω        | ±(2%+0.5)     | ±(1.5%+0.5)          | ±(1.5%+0.5)  |
|  | 100~199Ω        | ±(3%+1)       | ±(2%+1)              | ±(2%+1)      |
|  | 200~395Ω        | ±(10%+5)      | ±(5%+5)              | ±(5%+5)      |
|  | 400~590Ω        | ±(20%+10)     | ±(10%+10)            | ±(10%+10)    |
|  | 600~800Ω        |               |                      | ±(20%+20)    |
|  | 600~1000Ω       | ±(25%+20)     |                      |              |
|  | 800~1200Ω       |               |                      | ±(25%+30)    |
| Leakage current (A)                      | 0mA~9mA         |               |                      | ±(2.5%+1mA)  |
|  | 10mA~99mA       |               |                      | ±(2.5%+5mA)  |
|  | 100mA~299mA     |               |                      | ±(2.5%+10mA) |
|  | 0mA~299mA       | ±(2.5%+2mA)   |                      |              |
|  | 0.3A~2.99A      | ±(2.5%+100mA) |                      | ±(2.5%+0.1A) |
|  | 3A~9.9A         |               |                      | ±(2.5%+0.3A) |
|  | 10A~20A         |               |                      | ±(2.5%+0.5A) |
|  | 3A~30A          | ±(2.5%+300mA) |                      |              |
| Display count                            |                 | 10000         | 4 digits LCD display |              |
| Jaw opening                              |                 | 28mm          | 32mm                 | 32mm         |
| Visual and audible alarm                 |                 |               | √                    | √            |
| Auto power off                           |                 | √             | √                    | √            |
| Jamming signal recognition               |                 |               | √                    | √            |
| Over-range display                       |                 |               | √                    | √            |
| Data storage                             |                 | 30            | 300                  | 300          |
| Display type                             |                 | LCD           | EBTN                 | EBTN         |
| Ω+A display                              |                 |               |                      | √            |
| Category ratings                         | CAT III 300V    |               |                      |              |

### Characteristics

|                              |  |
|------------------------------|--|
| Standard accessories         | Batteries, test ring, English manual                       |
| Power                        | 1.5V battery (LR6) x 4                                     |
| Display                      | 47 x 28.5mm  |
| Product size                 | UT275: 293 x 90 x 66mm; UT276A+/278A+: 285 x 85 x 56mm     |
| Product net weight           | UT275: 1.32kg; UT276A+/278A+: 1.18kg                       |
| Standard individual packing  | Gift box, tool box   |
| Standard quantity per carton | UT275: 5pcs; UT276A+/278A+: 1pcs                           |
| Standard carton measurement  | UT275: 510 x 375 x 320mm; UT276A+/278A+: 370 x 110 x 300mm |
| Standard carton gross weight | UT275: 15.2kg; UT276A+/278A+: 2.6kg                        |