

UT12 series non-contact AC voltage detectors are widely used in the maintenance of low voltage equipments such as conductors, cables, sockets, and other electrical/electronics instruments. It is a very handy tool for electricians.

## Applications

**Low voltage mode:** Low-voltage motor (<90V), audio systems, arc welding machines, underground mining lighting, cables with thick insulation layer and other weak electromagnetic AC signals. **High voltage mode:** Urban electric supply and three-phase systems (90~1000V). For example, power distribution units, electrical panels, electrical appliances.



Auto power off



LED indication



Buzzer



High/Low voltage mode (UT12D/E/M)



AC voltage detection



Magnetic solenoid detection (UT12M)



IP67 (UT12E/M)



Vibration mode (UT12E)



UT12S/D

UT12E/M



● Built-in flashlight



| Specifications              | UT12S                            | UT12D     | UT12E     | UT12M     |
|-----------------------------|----------------------------------|-----------|-----------|-----------|
| <b>Certificates</b>         | CE, UKCA, cETLus                 |           |           |           |
| AC voltage (Low)            |                                  | 24V~1000V | 24V~1000V | 24V~1000V |
| AC voltage (High)           | 90V~1000V                        | 90V~1000V | 90V~1000V | 90V~1000V |
| Frequency range             | 50/60Hz                          | 50/60Hz   | 50/60Hz   | 50/60Hz   |
| Vibration mode              |                                  |           | √         |           |
| Magnetic solenoid detection |                                  |           |           | √         |
| Double injection molding    |                                  |           | √         | √         |
| Drop test                   | 1m                               | 1m        | 2m        | 2m        |
| Category ratings            | CAT IV 1000V; IP67 (UT12E/UT12M) |           |           |           |

| Characteristics              |                                                                |
|------------------------------|----------------------------------------------------------------|
| Standard accessories         | Battery, English manual                                        |
| Power                        | 1.5V battery (R03) x 2                                         |
| Product size                 | UT12D/UT12S: 150 x 18 x 23mm; UT12E/UT12M: 160.5 x 21.5 x 25mm |
| Product net weight           | UT12D/UT12S: 50g; UT12E/UT12M: 72g                             |
| Standard individual packing  | Gift box, blister                                              |
| Standard quantity per carton | 40pcs                                                          |
| Standard carton measurement  | UT12D/UT12S: 350 x 245 x 210mm; UT12E/UT12M: 415 x 245 x 235mm |
| Standard carton gross weight | UT12D/UT12S: About 3.6kg; UT12E/UT12M: About 3.8kg             |

\*Buzzer and sensing LED frequencies increase when detector gets closer to the test object

Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:

<https://meters.uni-trend.com/download/ut12s-us-ut12d-us-ut12e-us-ut12m-us-user-manual/?wpdmml=8303&refresh=6626b318e9d131713812248>

[www.uni-trend.com](http://www.uni-trend.com)