


# Digital AC/DC Clamp Meters



| Models                 | UT211B                                                                            | UT210E                                                                            | UT210D                                                                            | UT203+                                                                            | UT204+                                                                             | UT203R                                                                              | UT204R                                                                              | UT213C                                                                              |  |
|------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
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|                        |  |  |  |  |  |  |  |  |  |
| AC current (A)         | 60A                                                                               | 100A                                                                              | 200A                                                                              | 400A                                                                              | 600A                                                                               | 400A                                                                                | 600A                                                                                | 400A                                                                                |  |
| DC current (A)         | 60A                                                                               | 100A                                                                              | 200A                                                                              | 400A                                                                              | 600A                                                                               | 400A                                                                                | 600A                                                                                | 400A                                                                                |  |
| AC voltage (V)         | 600V                                                                              | 600V                                                                              | 600V                                                                              | 600V                                                                              | 600V                                                                               | 600V                                                                                | 600V                                                                                | 600V                                                                                |  |
| DC voltage (V)         | 600V                                                                              | 600V                                                                              | 600V                                                                              | 600V                                                                              | 600V                                                                               | 600V                                                                                | 600V                                                                                | 600V                                                                                |  |
| Resistance (Ω)         | 60MΩ                                                                              | 20MΩ                                                                              | 20MΩ                                                                              | 40MΩ                                                                              | 60MΩ                                                                               | 40MΩ                                                                                | 60MΩ                                                                                | 40MΩ                                                                                |  |
| Capacitance (F)        | 62mF                                                                              | 20mF                                                                              | 20mF                                                                              | 40mF                                                                              | 60mF                                                                               | 40mF                                                                                | 60mF                                                                                | 40mF                                                                                |  |
| Frequency (Hz)         |                                                                                   |                                                                                   | 60kHz                                                                             | 10MHz                                                                             | 10MHz                                                                              | 10MHz                                                                               | 10MHz                                                                               | 1MHz                                                                                |  |
| Temperature (°C)       |                                                                                   |                                                                                   | -40°C~1000°C                                                                      |                                                                                   | -40°C~1000°C                                                                       |                                                                                     | -40°C~1000°C                                                                        | -40°C~1000°C                                                                        |  |
| Features               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
| Jaw opening            | 17mm                                                                              | 17mm                                                                              | 17mm                                                                              | 28mm                                                                              | 28mm                                                                               | 28mm                                                                                | 28mm                                                                                | 30mm                                                                                |  |
| Display count          | 6000                                                                              | 2000                                                                              | 2000                                                                              | 4000                                                                              | 6000                                                                               | 4000                                                                                | 6000                                                                                | 4000                                                                                |  |
| True RMS               | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Diode/continuity       | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Low battery indication | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Data hold              | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Auto power off         | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| LCD backlight          | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Duty cycle             |                                                                                   |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| NCV                    | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Auto range             | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Max/min                |                                                                                   |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Relative mode          |                                                                                   |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| Flashlight             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | ●                                                                                   |  |
| Zero mode              | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |  |
| VFC                    | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
| Safety Features        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
| Drop test              | 1m                                                                                | 1m                                                                                | 1m                                                                                | 1m                                                                                | 1m                                                                                 | 1m                                                                                  | 1m                                                                                  | 1m                                                                                  |  |
| Safety rating          | CAT II 600V/CAT III 300V                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | CAT III 600V                                                                        |  |
| Certificates           | CE/UKCA<br>/cETLus                                                                | CE/UKCA<br>/cETLus                                                                | CE/UKCA<br>/cETLus                                                                |                                                                                   |                                                                                    | CE/UKCA<br>/cETLus                                                                  | CE/UKCA<br>/cETLus                                                                  | CE/UKCA<br>/cETLus                                                                  |  |

# UT210/UT211 SERIES

Mini Clamp Meters/60A Mini Clamp Meter

**UNI-T**®

UT210 series mini clamp meters are designed to work well in limited spaces. These are essential tools for mechanical and electrical equipment maintenance, home appliance installation and residential electrical maintenance. UT211B 60A mini clamp meter is a high precision tool designed with the resolution of 0.1mA. UT211B is perfect for anyone requiring high precision and accurate results when working with electronics, such as troubleshooting solar power systems current load, electrical cars, etc.



UT211B

| Specifications      | Range                                  | UT210A     | UT210B     | UT210C               | UT210D               | UT210E    | UT211B     |
|---------------------|----------------------------------------|------------|------------|----------------------|----------------------|-----------|------------|
| <b>Certificates</b> | <b>CE, UKCA, cETLus</b>                |            |            |                      |                      |           |            |
| AC current (A)      | 60A (0.1mA resolution)<br>100A<br>200A |            |            |                      |                      |           | ±(1.5%+10) |
| DC current (A)      | 60A<br>100A<br>200A                    | ±(2.5%+20) | ±(2.5%+20) | ±(2%+10)             | ±(2.5%+8)            | ±(2.5%+5) | ±(2%+3)    |
| AC voltage (V)      | 600V                                   |            |            | ±(1%+3)              | ±(1%+3)              | ±(1%+3)   | ±(0.8%+3)  |
| DC voltage (V)      | 600V                                   |            |            | ±(0.7%+3)            | ±(0.7%+3)            | ±(0.7%+3) | ±(0.7%+3)  |
| Resistance (Ω)      | 20MΩ<br>60MΩ                           |            |            | ±(1%+2)              | ±(1%+2)              | ±(1%+2)   | ±(0.8%+2)  |
| Frequency (Hz)      | 60kHz                                  |            |            |                      | ±(0.1%+4)            |           |            |
| Capacitance (F)     | 20mF<br>62mF                           |            |            | ±(4%+5)              | ±(4%+5)              | ±(4%+5)   | ±(4%+5)    |
| Temperature         | -40°C~1000°C<br>-40°F~1832°F           |            |            | ±(1%+3)<br>±(1.5%+5) | ±(1%+3)<br>±(1.5%+5) |           |            |
| Display count       |                                        | 2000       | 2000       | 2000                 | 2000                 | 2000      | 6000       |
| Continuity buzzer   |                                        |            |            | √                    | √                    | √         | √          |
| Jaw opening         |                                        | 16mm       | 16mm       | 17mm                 | 17mm                 | 17mm      | 17mm       |
| Diode test          | Around 3.0V                            |            |            | √                    | √                    | √         | √          |
| Category ratings    | CAT II 600V, CAT III 300V              |            |            |                      |                      |           |            |

## Features

|                             |                                |
|-----------------------------|--------------------------------|
| VFC (UT210E/UT211B)         | NCV (UT210B/C/D/E/UT211B)      |
| MAX/MIN (UT210B/C)          | True RMS (UT210B/C/D/E/UT211B) |
| Auto range                  | Ergonomic and lightweight      |
| ZERO mode (UT210D/E/UT211B) | 2~3 times/s sampling rate      |
| Auto power off              | LCD backlight/data hold        |
| Input protection            | Relative mode (UT210B)         |

## Characteristics

|                              |                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------|
| Standard accessories         | Batteries, test leads (UT210C/D/E/UT211B), point contact temperature probe (UT210C/D), English manual |
| Power                        | 1.5V battery (R03) x 2                                                                                |
| Display                      | 39.3 x 26.5mm                                                                                         |
| Product size                 | UT210A/B: 158 x 60 x 33.5mm; UT210C/D/E/UT211B: 175 x 60 x 33.5mm                                     |
| Product net weight           | UT210A/B: 150g (batteries included); UT210C/D/E/UT211B: 170g                                          |
| Standard individual packing  | Gift box, carrying bag (UT210C/D/E/UT211B)                                                            |
| Standard quantity per carton | UT210 series: 40pcs; UT211B: 10pcs                                                                    |
| Standard carton measurement  | UT210A/B: 345 x 245 x 300mm; UT210C/D/E: 385 x 345 x 305mm; UT211B: 330 x 205 x 170mm                 |
| Standard carton gross weight | UT210A: 8kg; UT210B: 7.2kg; UT210C: 14.8kg; UT210D: 8.2kg; UT210E: 13.6kg; UT211B: 4kg                |