

## UT216 SERIES 600A TRUE RMS DIGITAL CLAMP METERS



UT216D



UT216 series digital clamp meters are designed for measuring high frequency currents (up to 400Hz) in railways and aerospace, server rooms, IT systems, etc. Its double injection design gives users a more comfortable grip and enhanced durability.

UT216' s 6000 count display also provides precise readings for users.

|                               | Range   | UT216A    | UT216B    | UT216C    | UT216D    |
|-------------------------------|---|-----------|-----------|-----------|-----------|
| AC current (A)                | 600A  | ±(2.5%+5) | ±(2.5%+5) | ±(2.5%+5) | ±(2.5%+5) |
| AC current frequency response |   | 50/60Hz   | 40~400Hz  | 40~400Hz  | 40~400Hz  |
| DC current (A)                | 600A  |           |           | ±(2.5%+5) | ±(2.5%+5) |
| AC voltage (V)                | 750V  | ±(1.2%+5) | ±(1.2%+5) | ±(1.2%+5) | ±(1.2%+5) |
| AC voltage frequency response |   | 40~400Hz  | 40~400Hz  | 40~400Hz  | 45~400Hz  |
| DC voltage (V)                | 1000V   | ±(0.8%+3) | ±(0.8%+3) | ±(0.8%+3) | ±(0.8%+3) |
| Resistance (Ω)                | 60MΩ  | ±(1%+2)   | ±(1%+2)   | ±(1%+2)   | ±(1%+2)   |
| Capacitance (F)               | 60mF  | ±(4%+5)   | ±(4%+5)   | ±(4%+5)   | ±(4%+20)  |
| Frequency (Hz)                | 10Hz~1MHz   |           | ±(0.1%+4) | ±(0.1%+4) | ±(0.1%+4) |
| Temperature (°C)              | -40°C~1000°C  |           |           | ±(3%+5)   | ±(3%+5)   |
| Temperature (°F)              | -40°F~1832°F  |           |           | ±(3%+5)   | ±(3%+5)   |
| <b>Features</b>               |   |           |           |           |           |
| Display count                 |   | 6000      | 6000      | 6000      | 6000      |
| Auto range                    |   |           |           |           |           |
| Jaw opening                   |   | 30mm      | 30mm      | 30mm      | 30mm      |
| True RMS                      |   |           |           |           |           |
| Diode                         | Around 3.0V   | √         | √         | √         | √         |
| VFC                           |   | √         | √         | √         | √         |
| NCV                           |   |           | √         | √         | √         |
| Data hold                     |   | √         | √         | √         | √         |
| Relative mode                 |   | √         | √         | √         | √         |
| MAX/MIN                       |   | √         | √         | √         | √         |
| LCD backlight                 |   | √         | √         | √         | √         |
| Inrush current                |   | √         | √         | √         |           |
| OLED display                  |   |           |           | √         | √         |
| Analog bar graph              |   |           |           | 61        | 21        |
| Flashlight                    |   |           |           |           |           |
| Auto power off                |   | √         | √         | √         | √         |
| Continuity buzzer             |   | √         | √         | √         | √         |
| Low battery indication        | ≤3.6V   | √         | √         | √         | √         |
| Input protection              |   | √         | √         | √         | √         |
| Input impedance for DCV       | ≥10MΩ   | √         | √         | √         | √         |
| Power                         | 1.5V battery (R03) ×3   |           | √         | √         | √         |
| Display                       | 38mm x 24mm   |           |           |           |           |
| Product color                 | Red and grey  |           |           |           |           |
| Product net weight            | <b>UT216A:</b> 280g; <b>UT216B/C/D:</b> 231.7g                                      |           |           |           |           |
| Product size                  | 220mm x 75mm x 40mm   |           |           |           |           |
| Standard accessories          | Batteries, test leads, point contact temperature probe ( <b>UT216C/UT216D</b> )     |           |           |           |           |
| Standard individual packing   | Gift box, carrying bag, English manual  |           |           |           |           |
| Standard quantity per carton  | 20pcs   |           |           |           |           |
| Standard carton measurement   | 485mm x 335mm x 205mm   |           |           |           |           |
| Standard carton gross weight  | <b>UT216A:</b> 9.4kg; <b>UT216B:</b> 9kg; <b>UT216C:</b> 10kg; <b>UT216D:</b> 9.6kg |           |           |           |           |