

UT216 SERIES

600A True RMS Digital Clamp Meters



The UT216 series digital clamp meters are designed for measuring high-frequency currents up to 400Hz in environments like server rooms and IT systems. With a double injection design for comfort and durability, these meters provide precise readings on a 6000 count display.

Product Highlights:

- ◆ Auto range & input protection
- ◆ MAX/MIN & Relative mode
- ◆ Continuity buzzer
- ◆ NCV detection
- ◆ Low battery indication

All the models in this page share the same mold.

Specifications	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			±(2%+10)	±(2%+10)

Features					
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	√	√	√	√
Overvoltage category	CAT II 1000V, CAT III 600V				

Characteristics	
Power	1.5V battery (R03) x 3
Display	38 x 24mm
Product color	Red and grey
Product net weight	UT216A: 280g; UT216B/C/D: 231.7g
Product size	220 x 75 x 40mm
Standard accessories	Batteries, test leads, point contact temperature probe (UT216C/UT216D)
Standard individual packing	Gift box, carrying bag, English manual
Standard quantity per carton	10pcs
Standard carton measurement	485 x 345 x 385mm
Standard carton gross weight	UT216A: 20.6kg; UT216B: 19.3kg; UT216C: 20.1kg; UT216D: 20.3kg



UT216D

CAT II 1000V

CAT III 600V

True RMS

