

## UT216 SERIES

### 600A True RMS Digital Clamp Meters

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.

- Auto range
- True RMS/NCV
- Diode: around 3.0V
- Data hold
- Relative mode
- MAX/MIN
- Flashlight
- Auto power off
- Continuity buzzer
- Low battery indication:  $\leq 3.6V$
- Input protection



● UT216D

SPECIFICATION	Range	UT216A	UT216B	UT216C	UT216D
Certificates	CE, RoHS, cETLus				
AC current (A)	600A	$\pm(2.5\%+5)$	$\pm(2.5\%+5)$	$\pm(2.5\%+5)$	$\pm(2.5\%+5)$
AC current frequency response	50/60Hz	40~400Hz	40~400Hz	40~400Hz	40~400Hz
DC current (A)	600A				
AC voltage (V)	750V	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$
AC voltage frequency response	40~400Hz	40~400Hz	40~400Hz	45~400Hz	45~400Hz
DC voltage (V)	1000V	$\pm(0.8\%+3)$	$\pm(0.8\%+3)$	$\pm(0.8\%+3)$	$\pm(0.8\%+3)$
Resistance ( $\Omega$ )	60M $\Omega$	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$
Capacitance (F)	60mF	$\pm(4\%+5)$	$\pm(4\%+5)$	$\pm(4\%+5)$	$\pm(4\%+20)$
Frequency (Hz)	10Hz~1MHz	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$
Temperature ( $^{\circ}C$ )	-40 $^{\circ}C$ ~1000 $^{\circ}C$			$\pm(3\%+5)$	$\pm(3\%+5)$
Temperature ( $^{\circ}F$ )	-40 $^{\circ}F$ ~1832 $^{\circ}F$			$\pm(2\%+10)$	$\pm(2\%+10)$
Display count		6000	6000	6000	6000
Jaw opening		30mm	30mm	30mm	30mm
VFC		v	v	v	v
LCD backlight		v	v	v	v
Inrush current				v	v
OLED display				v	v
Analog bar graph					21
Category ratings	CAT II 1000V, CAT III 600V				

#### GENERAL CHARACTERISTICS

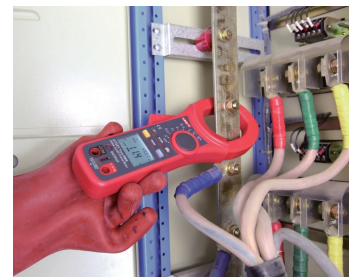
Power	1.5V battery (R03) x 3
Display	38mm x 24mm
Product net weight	UT216A: 280g; UT216B/C/D: 231.7g
Product size	220mm x 75mm x 40mm
Standard accessories	Batteries, test leads, point contact temperature probe (UT216C/UT216D), English manual
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	10pcs
Standard carton measurement	350mm x 290mm x 200mm
Standard carton gross weight	5kg

## UT220 SERIES

### 2000A Digital Clamp Meters

UT220 series are 2000A AC/DC digital clamp meters. This series ensures stable performance, safety, and reliability for measuring up to 2000A AC (and DC for UT221) current. It is designed with over-load protection for all ranges, perfect for all professionals measuring currents up to 2000A (2500A for UT222).

- Auto range
- Diode
- Continuity buzzer
- Data hold
- MAX/MIN
- Low battery indication



● UT221

SPECIFICATION	Range	UT220	UT221	UT222
Certificates	CE, RoHS, cETLus			
AC current (A)	2000A 2500A	$\pm(2.5\%+5)$	$\pm(2.5\%+5)$	$\pm(1.5\%+5)$
DC current (A)	2000A 2500A		$\pm(2.5\%+5)$	$\pm(1.5\%+5)$
AC voltage (V)	750V 1000V	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(1\%+3)$
DC voltage (V)	1000V	$\pm(0.8\%+1)$	$\pm(0.8\%+1)$	$\pm(0.5\%+2)$
Resistance ( $\Omega$ )	20M $\Omega$ 60M $\Omega$ 66M $\Omega$		$\pm(1\%+2)$	$\pm(1\%+2)$
Capacitance (F)	60mF			$\pm(3\%+5)$
Frequency (Hz)	20MHz 60MHz		$\pm(0.1\%+3)$	$\pm(0.1\%+3)$
Temperature	-40 $^{\circ}C$ ~1000 $^{\circ}C$ -40 $^{\circ}F$ ~1832 $^{\circ}F$			$\pm(1\%+10)$ $\pm(1\%+18)$
Display count		2000	6000	6000
Jaw opening		63mm	63mm	63mm
True RMS		v	v	v
Duty cycle	10%~90%		v	v
AC+DC			v	v
Low pass filter			v	v
Inrush current			v	v
Relative mode			v	v
I-OUT function			v	v
Data storage				1000
Analog bar graph			66	61
Category ratings	CAT III 1000V, CAT IV 600V			

#### GENERAL CHARACTERISTICS

Power	9V battery (6F22)
Display	43mm x 30mm
Product net weight	UT220: 389g; UT221/UT222: 726g
Product size	298mm x 107mm x 47mm
Standard accessories	Test leads, output cable (UT221/UT222), thermocouple (UT222), English manual
Standard individual packing	Gift box, carrying bag (UT220), tool box (UT221/UT222)
Standard quantity per carton	UT220: 10pcs; UT221/UT222: 5pcs
Standard carton measurement	UT220: 640mm x 305mm x 175mm; UT221/UT222: 510mm x 375mm x 320mm
Standard carton gross weight	UT220: 7.52kg; UT221/UT222: 12.1kg