

UNI-T®



UT255C Wireless Large Current Fork Meter

The UT255C Large Current Fork Meter is specifically designed and manufactured to measure high-voltage current(AC 0.00A~9999A). Its innovative U-shaped clamp, which features a breakthrough in conventional structure, makes on-site measurement effortless.

The UT255C has several useful features, including data holding and storage, and its adjustable connector and U-shaped clamp jaws make it easy to clamp the measured conductor. Additionally, the hot stick is lightweight, retractable, moisture-proof, high temperature resistant, impact-proof, and highly insulated.

The UT255C Large Current Fork Meter is extensively employed in a variety of settings, including substations, power plants, industrial and mining enterprises, detection stations, and electrical servicing departments.



U-shaped fork
(easy operation)



Wireless
transmission
(up to 100m)



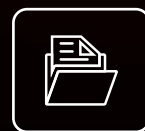
Large current
measurement
(up to 9999A)



Large Jaw size
(up to $\phi 68\text{mm}$)



Retractable
insulation rod
(up to 3.6m)



Data storage

Specifications	
Function	1, Measure high-voltage AC current; 2, Measure low-voltage AC current; 3, On-line AC current monitoring.
Current measurement range	0.00A~9999A (50/60Hz, automatic); 0.01A (resolution); $\pm 2\% \pm 5 \text{dgt}$
Conductor voltage range	60KV (Object: bare conductor; insulation rod extended)
Voltage class of insulation rod	110KV
Power supply	DC6V alkaline dry battery (1.5V AAA x 4)
Testing mode	Non-contact U-shaped CT
Transfer mode	433MHz wireless transfer; Transfer distance: 100m.
Sampling rate	2 times/s
Screen	4-digit LCD display (with backlight); 47mm x 28.5mm
Auto range	√
Data storage	99 set
Overload indication	The symbol "OL A" appears.
No signal indication	The symbol "no- -" is displayed dynamically
Auto power off	Around 15 minutes
Low battery indication	YES
Insulation rod voltage level	110KV
Insulation rod size	1, $\Phi 45 \text{mm}$, 2, Length: 850 mm (retracted); 3600 mm (extended)
Product dimension	1, Meter: 107 x 252 x 31mm (W x H x L); 2, Receiver: 78 x 165 x 42mm 3, CT size: $\Phi 68 \text{mm}$
Product weight	Detector: 235g (including battery); Receiver: 280g (including battery); Total weight: 2300g (including hot stick and battery)
Working environment	$-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$; $\leq 80\% \text{Rh}$
Interference	Avoid interference from co-channel signal of 315MHz and 433MHz
Dielectric strength	AC 220kV/rms (between both ends of fully-extended hot stick)
Structure	Anti-dripping type II
Accessories	1pcs Meter; 1pcs receiver; 1pcs antenna; 1pcs insulation rod; 1.5V AAA x 4pcs; 1pcs tool box