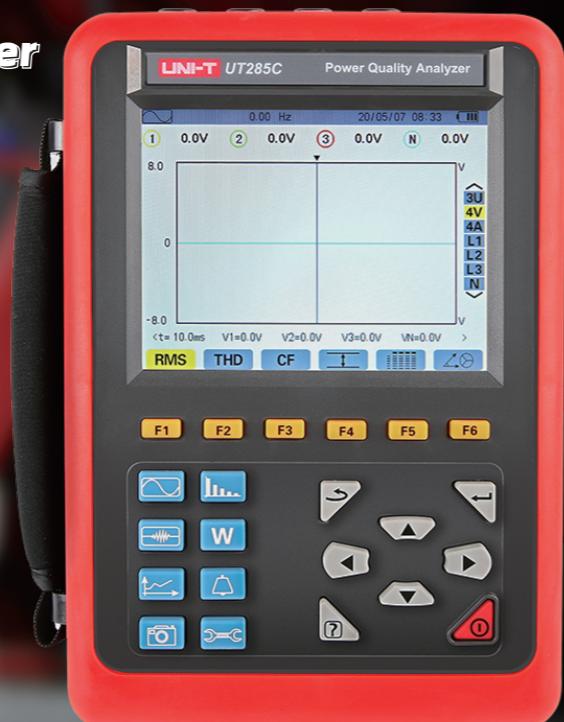
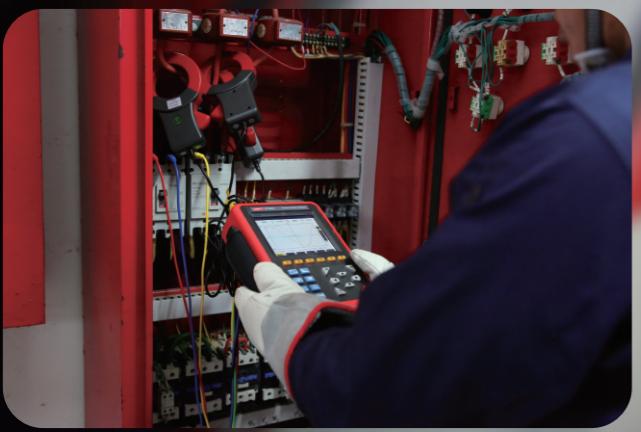


UT285C

Three Phase Power Quality Analyzer



300F 068B 040B 008B



Current	008B current clamp: 10mA~10.0A; 040B current clamp: 0.10A~100A; 068B current clamp: 1.0A~1000A; 300F flexible current sensor (with Integrator) : 10A ~ 6000A
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Transformer K
factor



Power factors (PF)
and displacement
factors (DPF or COSΦ)



Short-term voltage
flicker (PST)



Three phase
unbalance (current
and voltage)



USB interface
/PC software

Specifications

	UT285C
True RMS phase-to-neutral voltage	1.0V~1000V
True RMS phase-to-phase voltage	1.0V~2000V
DC voltage	1.0V~1000V
True RMS current	10mA~6000A
Peak of phase-to-neutral voltage	1.0V~1414V
Peak of phase-to-phase voltage	1.0V~2828V
Current peak	10mA~6000A
Active power	0.000W~9999.9kW
Reactive power, inductive or capacitive	0.000RVA~9999.9kVAR
Apparent power	0.000VA~9999.9kVA
Power factor	-1.000~1.000
Active energy	0.000Wh~9999.9MWh
Reactive energy, inductive or capacitive	0.000VARh~9999.9MVArh
Apparent energy	0.000VAh~9999.9MVAh
Phase angle	-179°~180°
Tanφ (VA>50VA)	-32.76~32.76
Phase shift of power factor (DPF)	-1.000~1.000
Harmonic ratio (order 1 to 50) (Vrms>50V)	0.0%~99.9%
Harmonic angle (Vrms>50V)	-179°~180°
Total harmonic ratio	0.0%~99.9%
Distortion factor (DF or THD-R)<50	0.0%~99.9%
Transformer K factor	1.00~99.99
3 phases unbalance	0.0%~100%
Number of channels	4U/4I
Parameters of electricity	W, VA, Var, PF, DPF, cosφ, tanφ
Energy parameters	Wh, Varh, Vah
Harmonic	50
Total harmonic distortion	Order 0~50, each phase
Expert mode	V
Number of Transient records	150 sets
Min/Max	V
Alarm	40 different types of parameter selections, 12,800 sets alarm logs
USB interface/PC software	V
Power	9.6V rechargeable lithium-ion battery
Product color	Red and grey
Product net weight	Instrument: 1.6kg, current clamp: 510g x 4
Product size	240mm x 170mm x 68 mm
Standard accessories	1pc carry cloth bag, (yellow, green, red, blue, black total 5pcs test lead), 4pcs alligator clip, 1pc power adapter, 1pc CD software, 4pcs 1000A current clamp
Standard individual packing	Inner carton
Standard quantity per carton	1pc
Standard carton measurement	440 x 320 x 330mm
Standard carton gross weight	6.4kg