



Quality/Accuracy/Reliability

Type: CTA-1000C

## Introduction:

CTA-1000C CT Analyzer is new product created after widely adopt customers' advices and deep theoretical study. It is based on the automatic FA Series Transformer Tester General which is produced by our company that is widely acclaimed and applied. The adoption of high-performance DSP and ARM, advanced manufacturing technology ensure a stable and reliable product performance, full-featured, high degree of automation, high efficiency, in the domestic leading level, they are the professional testing equipments for transformer check in power industry.

## Technical Specifications:

		CTA-1000C
Usage		CT, PT
Output		0~180Vrms, 12Arms, 36A (peak value)
Voltage measurement accuracy		±0.1%
CT Ratio	Range	1~40000
	accuracy	±0.05%

PT Ratio	Range	1~40000
	accuracy	±0.05%
Phase	Range	±2min
	accuracy	0.5min
DC resistance	Range	0~300Ω
	accuracy	0.2%±2mΩ
Burden	Range	0~1000VA
	accuracy	0.2%±0.02VA
Power supply		AC220V±10%, 50Hz
Environmental Conditions		Operating temperature : -10°C~50°C Humidity :≤90%
Weight and Dimensions		Dimensions: 365 mm×290mm×153mm; Weight<10kg

## Characteristics:

★ Full-featured, not only satisfy the test requirements of various CTs (include TP class), such as the excitation characteristics (i.e., volt-ampere characteristics), ratio, polarity, secondary winding resistance, secondary burden, ratio error and phase displacement, but can also be used for the tests of various PTs, including excitation characteristics of the electromagnetic unit, ratio, polarity, secondary winding resistance, ratio error and phase displacement.

★ Automatically give CT, VT parameters, including knee point voltage / current, 10% error curve, the accuracy limit factor (ALF), instrument security factor (FS), the second time constant (Ts), remanence coefficient (Kr), saturated and unsaturated inductance etc.

★ Test meet IEC60044 GB1208 (-1) GB16847 (IEC60044-6) became etc all kinds of transformer standards, and in accordance with the transformer types and levels of automatic choose which standard test

★ Based on advanced principle of low-frequency test method that can meet the CT test on knee voltage up to 60KV.

★ Friendly interface beautiful, all English graphic interface

★ The instrument can store 1000 groups of test data that won't be lost when power off. After test ended, the data can be copied to PC by USB disk for analysis and being transformed into WORD report.

★ Test is simple and convenient; one-click can complete tests of CT secondary resistance, excitation, ratio and polarity.

★ Easy to carry, because the weight is less than 10Kg.

## Standard Accessories:

No.	Name	Type	Unit	Quantity
1	Host	ZCCT-1000C	set	1
2	Up-flow reactor (optional)	CTP-180A	set	1
3	Power line	250V/16A/1.5m	set	1
4	Red test line	2.5mm 2*6m	pcs	1
5	Yellow test line	2.5mm 2*6m	pcs	1
6	Green test line	2.5mm 2*6m	pcs	1
7	High current test line (optional)	25mm 2*6m a red & a black	pcs	2
8	Control line (optional)	Special purpose control line for elevator	pcs	1
9	Ground wire	2.5mm 2*3m	pcs	1
10	Alligator clip	Opening 12mm, a yellow & a green, two black	pcs	4
11	Alligator clip	Opening 20mm, a red, a black	pcs	2
12	U type insert	Opening 6mm, two red and two black	pcs	4
13	Thermal printing paper		volume	4
14	U disk	8G	pcs	1

15	Protective tube	10A	pcs	5
16	Special screwdriver for protective tube	6*38mm	pcs	1
17	Quality testing report		copy	1
18	Instruction manual		copy	1
19	Aluminum alloy packing box		pcs	1

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### Company Information:

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Kvtester Electronics Technology Co.,Ltd

[www.kvtester.com](http://www.kvtester.com)

Address: No.120, Guanggu Road, East Lake New High-tech Development Zone,  
Wuhan, China

Email: [whndzc2016@gmail.com](mailto:whndzc2016@gmail.com)

Tel :0086-27-81778799

Fax: 0086-27-81778799

Mobile :0086-18871076826

Skype: [whndzc2016@outlook.com](https://www.skype.com/people/whndzc2016)

Whatsapp: +86 18871076826