

CT PT ANALYZER, Model: CPT1200

Quality / Accuracy / Reliability



Model CPT1200 CT PT ANALYZER is mainly used for field testing of P class CT and PT. The test items mainly include excitation characteristic, transformation ratio, polarity, Degauss, 5% and 10% error curves, secondary circuit check, withstand test of power frequency alternating current and secondary load. Adopt LCD, self-equipped minitype printer supporting field printing; supporting to use USB flash disk to dump data, with simple and convenient operation.

Function Feature:

I. Current Transformer (CT)

1. Magnetization Curve
2. Transformation Ratio Test
3. Polarity
4. 5% and 10% error curve
5. Current Injecting
6. Degauss
7. Withstand Test of Power Frequency Alternating Current
8. Automatic Calculation of Excitation Knee Point Value
9. Actual Secondary Load Test
10. Resistance Test

II. Voltage Transformer (PT)

1. Excitation Characteristic Test
2. Transformation Ratio Test
3. Polarity
4. Withstand Test of Power Frequency Alternating Current
5. Degauss
6. Calculation of Knee Point Value
7. Actual Secondary Load Test
8. Resistance Test

Technical Parameters:

Operational Power Supply:	AC220V±20V, 50 ~ 60Hz
Equipment Power Supply Output Waveform:	Sine Wave
Single Machine Output Voltage of Excitation Characteristic:	0 ~ 1000V (2500V for optional)
Excitation Output Current:	0 ~ 5Arms (20A peak value)
Single Machine Output Current of Transformation Ratio	0 ~ 600A (1000A for optional)
CT ratio measurement range:	5 ~ 25000A/5A (5000A/1A)
PT ratio measurement range:	1 ~ 500KV
Load Range	5 ~ 1000VA
Resistance measurement range	0.1 ~ 300Ω
Error:	≤0.5% (0.2%*Reading+0.3%*Range)
Operating Temperature:	-10℃ ~ +40℃
Relative Humidity:	<90RH%
Altitude:	≤1000m
Overall Dimension(Length×Width×Height):	400 * 200 * 260 (mm)
Weight:	≤23 Kg

Product Specifications are subject to change without notice

Manufactured By:

NEUTRONICS MANUFACTURING COMPANY

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