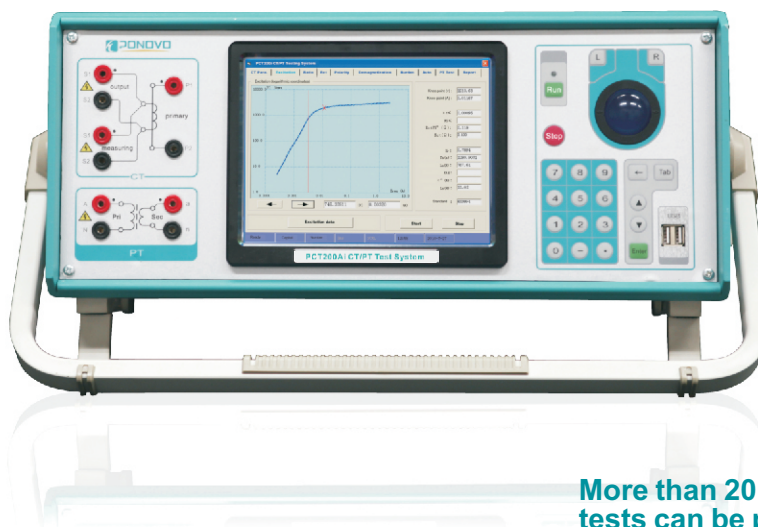


PCT200Ai CT/PT Test System



Main Features

- Can test M/P/TP type, bushing and GIS type CT
- Ratio check up to 30 000 : 1 and 45 000 : 5
- Knee point check up to 40 000V
- Standards : IEC60044-1, IEC60044-6, ANSI/IEEE C57.13
- Results saved directly in Excel format
- Report can be transferred to flash disk via USB port
- Weight : 11kg

Following PT tests can be done automatically

- Polarity
- Ratio
- Excitation
- Burden

More than 20 CT tests can be performed automatically in one time

- Burden
- Winding resistance
- Excitation
- Polarity
- Ratio
- Ratio error and phase displacement
- Saturated inductance (Ls)
- Unsaturated inductance (Lu)
- Remanence flux (Kr)
- Secondary time constant (Ts)
- Accuracy limiting factor (ALF)
- Instrument security factor (FS)
- Transient dimensioning factor (Ktd)
- Peak instantaneous error ($\epsilon^{\wedge}$)
- Composite error
- Demagnetization

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Technical specifications

Output voltage range	0~120V
Output current range	0~5Arms (15A peak)
Output power	0.0001VA~500VA RMS (1500VA peak)
Ratio measurement	30000:1 or 45000:5
	$\pm 0.02\%$ Typ. $\pm 0.05\%$ Gur.
Phase measurement	1min Typ. 2min Gur.
	0.01min
Current measurement	range: 0~15 A (auto ranging)
	$\pm 0.02\%$ Typ. $\pm 0.05\%$ Gur.
Voltage measurement	range: 0~120V (auto ranging)
	accuracy: $\pm 0.02\%$ Typ. $\pm 0.05\%$ Gur.

Winding resistance measurement	range: 0.05~200 Ω
	$\pm 0.05\% \pm 1m\Omega$ Typ. $\pm 0.1\% \pm 1m\Omega$ Gur.
Burden measurement	range: 0.05~200 Ω
	$\pm 0.05\% \pm 1m\Omega$ Typ. $\pm 0.1\% \pm 1m\Omega$ Gur.
Communication port	USB
Dimension	470*200*245mm (WxHxL)
Weight	11kg
Main supply	110-240Vac/50-60Hz (nominal)
	90-260Vac/45-65Hz (permissible)
Operation temperature	-10~50°C

DENVER
metrología electrónica, S.L.

Tel: +34 91 569 8006
info@denver.es - www.denver.es



PONOVO POWER CO., LTD.

2F, 4Cell, Tower C, In.Do Mansion, No.48A Zhichun Road, Haidian District Beijing, PR China (100098)
Tel. +86 (10) 8275 5151 (reception) Tel. +86 (10) 82755151 ext.8887
Fax. +86 (10) 8275 5151-8103 support@relaytest.com info@relaytest.com www.relaytest.com