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Test & Measurement

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Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

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UDEY

INSTRUMENT TRANSFORMER CALIBRATOR ITC-20 A



Applications:

- Measure ratio error of CT / PT.
- Measure phase displacement error of CT / PT
- Measure phase angle error of CT /PT.
- Values confirm to IEC 60044.

Introduction:

The UDEY 'ITC-20 A' is a high precision, new generation test set using processing technology for error measurements. Measurement is done on four quadrants and the error expressed confirms to IEC 60044. The measuring range is from 0.001% up to 9999. The tester works even when operating current voltage is lower than 1% of rated value. Thus 'S' level current transformers can also be checked. The tester has USB interface for transporting data to computer.

The advantages of ITC-20 A

- Measuring with quick speed
- Four quadrants measurement
- Digital display
- USB interface.

Features

Digital display: 'Test Voltage or Current', '% of rated', 'Ratio error', 'Phase displacement'.

Portable light weight: 4 kg approx.

Dimensions: 320 x 230 x 160 mm approx..

INSTRUMENT TRANSFORMER CALIBRATOR ITC-20 A

SPECIFICATIONS:

Power supply	: 220V\pm10%, AC 50 Hz
Measuring Range Burden	: CT / PT: up to Class 0.02 : 80VA
Measuring accuracy	: 1%
Display	: LCD 100 x 25 mm.
Display parameters	'Test Voltage or Current', '% of rated', 'Ratio error' 'Phase displacement'
Harmonic suppression	: less than 40 dB
Test circuits	: CT. PT. Z.Y.
Reference	: '100V', '100V/? 3', '5A', '1A'.
Measuring range	: '50%', '5%', '0.5%' and 'S'.
Usage environment	: Less than 45° C. Less than 85% R.H.
Enclosure	: Aluminum cabinet with cover and lifting handle.
Dimensions	: 320(L)x230(W)x160(H) mm approx.
Weight	: 4.0 kg approx.
Accessories	: Power supply cord 3 core. Flexible testing cable set with alligator clamps. Operating Manual.

Specs subject to change due to constant up gradation
Catalog # ITC-2009