

Current Voltage Transformer Analyser

Type: CVT 10



Measurement

■ Potential Transformer Testing

Ratio test from 300kV/110V to 2.2kV / 110V*
Burden from 1 VA to 200 VA*

■ Current Transformer Testing

Ratio test from 5000/5A to 5/5A and 2000/1A to 10/1A*
Burden from 1 VA to 100 VA*
Power factor Range: 0.8 / 1.0

■ Accuracy

0.2% accuracy (from 25% - 100% burden and 20%-120% load)
0.5% accuracy (from 5% - 25% burden and 5%-20% load)

■ Resolution

Ratio Error: 0.001
Phase Error: 0.01 min
Burden: 0.01VA

Output

■ Output

Parameters are displayed on 320*240 backlit LCD. The measured parameters can be stored in a built-in memory (capacity of approx.1000 results) which can then be downloaded via USB port to an external storage device. A Windows XP based software is provided for reading the stored results on a PC.
Additionally a built-in thermal printer is also provided for printing the test data.

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System Requirements

■ Mains Input Supply

AC 110V to 240V, 50Hz. Optionally it can also be powered from 12V DC battery supply.

■ Operation Temperature

Operation Temperature: -10...50° C.

Storage Temperature: -10...60° C

Weight: Main case - 15 kg (approx) ; Dimension: 400*280*280 mm

With Accessories - 18 kg (approx)

■ Site Conditions

The unit will work satisfactorily in 400 KV charged switchyards.

Accessories

1. Main Unit
2. Two nos. secondary test cables, length 10 feet
3. Two nos. primary test cables, length 20 feet
4. One no. Mains input power cable
5. One no. Insulated Earthing cable
6. One no. CD (analysis software)
7. Operation software & manual
8. Suitable carrying case for main unit and carrying case for accessories
9. Test Certificate

* Optionally other ratios, burdens, etc. can be incorporated as per customers specifications