



MCT1600

Current Transformer Saturation, Ratio and Polarity Test Set



- One button automated test: Demagnetization, CT Ratio, Knee Point, Saturation, Polarity and Phase Deviation Test
- Displays multiple instantaneous Saturation Curves with Knee Point
- Integrated 1 kV DC insulation test system
- Color daylight viewable graphical display
- “Save & Print Later” with USB stick
- Fast data entry using full QWERTY keyboard
- 1600 VAC Saturation Test Voltage
- Automatic or manual testing selectable

The Megger MCT1600 test set is a lightweight, robust, portable unit used to automatically or manually perform saturation, ratio, polarity, demagnetizing tests and insulation tests on current transformers. The MCT provides a microprocessor controlled variable voltage output and precision instrumentation for automatically testing single and multi-ratio CTs. The MCT1600 possesses microprocessor controlled output voltage with precision instrumentation and storage, reducing testing time and increasing productivity. All three tests – saturation, ratio and polarity – can be performed with the push of a button and without changing leads. The MCT1600 has a large display, permitting the user to easily read all pertinent data while the test is being performed and providing the ability to view the current transformer’s saturation curve.

Current transformers can be tested in their equipment configuration, such as being mounted in transformers, oil circuit breakers or switchgear. It is necessary for the equipment to be completely isolated from the electrical system prior to testing.

Documents (all documents are in PDF format and will open in a new window)
Data Sheet Datasheet

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