



# SUBSTATION

Megger makes a line of test equipment specifically designed to test and maintain a variety of critical electrical apparatus found in electric utility and industrial substations. Also, these instruments are rugged, field proven and useful in the following markets:

- Airports
- Power Plants
- Government/Military
- Universities
- Mining



## HANDHELD TTR20-1

The TTR20-1 is an excellent complement to the world-renowned hand-cranked TTR. It can measure the full range of transformers, even high MVA types. It measures three-phase transformers phase by phase.

The TTR20-1 is the perfect tool for testing transformers for turns ratio, polarity and excitation current. It is primarily designed to fill a need for simple, push-to-test transformer testing. The TTR20-1 allows the user familiar with transformer testing to obtain results without transformer configuration knowledge.

The significant features of the TTR20-1 include:

- Fewer buttons and no menus make it extremely easy to use and acquire data.
- No PC software needed to learn to upload data. Simply use HyperTerminal.
- Prints data in real-time to maintain hard copies of test results.
- Replaceable "AA" (IEC LR6) batteries that last 12 hours or more (if using the specified batteries).
- Measures turns ratio, polarity and excitation current.
- New rugged metal connectors for use in harsh conditions.

### ORDERING INFORMATION TTR20-1

Cat. No.	Description
TTR20-1	Handheld Transformer Turns Ratio Test Set

## SINGLE-PHASE, HAND-CRANK TTR

- Measures turns ratio and exciting current of windings in power, PTs and CTs.
- Used for testing single- and three-phase power and distribution transformers.
- Applies 8 Vac with current up to 1 Amp.



## SEMI-AUTOMATIC OIL TEST SET

- Robust oil chamber lid.
- Sturdy and protective control panel lid.
- Easy, semi-automatic operation.
- Suitable for all oil breakdown testing to 60 kV.
- Automatic 1 minute timer for easy withstand testing.



### ORDERING INFORMATION SINGLE-PHASE TTR

Cat. No.	Description
550005B	Single-phase, hand-crank Transformer Turns Ratio Test Set

### ORDERING INFORMATION SEMI-AUTOMATIC OIL TEST SET

Cat. No.	Description
OTS60SX/2 (1005-272)	Semi-automatic Oil Test Set
6320-233	Spherical-type vessel electrodes
6320-234	Mushroom-type electrodes
6111-356	Cylindrical-type electrodes