

ELECTRIC VEHICLE SERVICE EQUIPMENT

Catalog No.

5000

ACT-100 and DCT-300 • AC and DC EVSE Test System.



tescometering.com



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The electric vehicle (EV) charging market is rapidly expanding, with more and more people switching to electric cars. As the demand for EV charging stations increases, so does the amount of energy that is being exchanged. This energy exchange market is already massive, with charging peaks reaching into the megawatts of energy. With this amount of energy comes a significant amount of revenue, which requires the most accurate billing possible.

That's where TESCO's Catalog No. 5000 – Total Energy System comes in. The Catalog No. 5000 is a double duo system that enables the testing and accuracy verification of Field Test Equipment for testing EVSE's in the field. This system is a dual-purpose DC and AC System and includes both a 100A AC (ACT-100) Test System and a 300A DC Test System (DCT-300).

Both the ACT and DCT are rated for 0.04% accuracy for power and 0.02% for voltage and current. This level of accuracy ensures that billing for energy usage is as precise as possible. The Catalog No. 5000 is the perfect solution for anyone involved in the EV charging market, from EV charging station owners to utilities and energy providers.

TESCO is a well-established company with over 50 years of experience in the testing and measurement industry. They have a proven track record of providing reliable and accurate testing equipment. The Catalog No. 5000 is just one of many products they offer that can help businesses in the EV charging market.

If you're looking for a way to ensure accurate billing in the EV charging market, TESCO's Catalog No. 5000 is the perfect solution. Don't leave your billing accuracy to chance! Invest in the Catalog No. 5000

Features

Functions

Interface with TDM on embedded PC
Calibration of standard using external transfer standard
Calibration of DUT

- Background adjustment of calibration file within T4000 and T4300 (automated)
- Store data in CSV and database for analysis
- Provide pass/fail certification of T4000 and T4300

Physical

Overall Dimensions: 25.5" W x 74.6" H x 40.6" Dv

ACT100 Specification

Input:

- 120V, 15A, 60Hz AC
- NEMA L5-15P connector
- Output:
- Three phase: 350V, 100A AC 50Hz/60

Metrology

- Lab certification to ISO 17025
- Voltage – 0.01% accuracy
- Current – 0.01% accuracy
- Power – 0.02% accuracy

DCT300 Specification

- Input: 120V, 15A, 60Hz AC
- NEMA L5-15P connector
- Output: 1000V, 300A DC
- Metrology
- Voltage – 0.04% accuracy
- Current – 0.04% accuracy
- Power – 0.08% accuracy