



TESCO METERING

Reliable Results. Every Meter. Every Time.



925 Canal Street, Bristol, PA 19007

• 215.228.0500

• tescometering.com

Made-to-Order

Catalog No.

MEB1 and 3

Next Gen Meter Engineering Board

PRODUCT INTRODUCTION

Perform qualification, disconnect, communication, and advanced functional tests with TESCO's Meter Engineering Board. With basic metrology (0.1% accuracy) TESCO's MEB can also be used as a demand board or a time run board, as part of meter certification, or to meet regulatory testing requirements. A new socket design provides automated operation to make loading easier. All TESCO boards include our electronically actuated sockets.

AT-A-GLANCE SUMMARY

- Meter evaluating testing and certification
- Communications performance
- Power Line Communications testing
- Software and firmware verification
- Meter setting verification
- Meter functional testing
- Demand testing
- Time run testing
- Extended use testing
- Meter disconnect switch testing



Advanced Meter Performance Validation



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SPECIFICATIONS

- **Voltage Drive:** 60-480V RMS, 680V PK; Voltage Accuracy: $\pm 1.0\%$
- **Current Drive:** 0.001A to 50A RMS, 75A PK; Current Accuracy: $\pm 1.0\%$
- Arbitrary Waveform Generator, 6kHz Bandwidth
- Automatic Generation of all ANSI C12.20-2016 waveforms
- Dropped cycle testing
- **Fundamental Frequency:** 45-65Hz

MEB1: applies voltage to all appropriate stabs and isolated currents to all phases of electric meters.

MEB3: applies true three-phase voltage and current to electric meters.



ORDERING INFORMATION

Catalog No.: MEB

Warranty: 1 Year (Contact your TESCO Sales Representative to inquire about our Diamond Level Support for extended warranty coverage).

Contact TESCO Sales for configuration options and quotes.

ABOUT TESCO

Since 1904, TESCO has been the trusted partner of electric utilities worldwide, delivering durable, precise, and innovative metering solutions designed for the real-world demands of the field and the laboratory. Our products are engineered and manufactured in the USA and backed by world-class technical expertise and support.

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DISCLAIMER

TESCO Metering reserves the right to modify product designs, specifications, features, and documentation at any time as part of our continuous improvement process. All information is provided "as is" and may change without prior notice. While TESCO® strives for accuracy, completeness, and technical reliability, customers should verify the latest product details before making purchasing or engineering decisions. For confirmation of current specifications or application suitability, please contact TESCO® directly.