



TESCO METERING

Reliable Results. Every Meter. Every Time.



925 Canal Street, Bristol, PA 19007
• 215.228.0500
• tescometering.com

Made-to-Order

Catalog No.

MQB

Next Gen Meter Qualification Board

PRODUCT INTRODUCTION

Power-up and apply load to electric watt-hour meters for functionality testing with TESCO's multi-position Meter Qualification Boards (MQBs). These boards assist with AMI Meter Certification process and AMI meter qualification and communication testing.

Available in functional test, series parallel, and true three-phase configurations, these boards can be banked together to provide any number of sockets required. Disconnect testing is standard on all TESCO MQBs and each socket position is designed to accommodate any meter form requested.

The new waveform generator has all waveforms called out in ANSI C12.1-2024.

Optional software allows the user to program test scripts that permit users to run extended, predefined test protocols.



Accommodates Any Requested Meter Form





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SPECIFICATIONS

- True ZERO insertion force socket with automatic closure on meter insertion.

Digital Waveform Generator:

- **Voltage Drive:** 60-480V RMS, 680V PK.
- **Current Drive:** 0.001A to 50A RMS, 75A PK Options up to 320A.
- Arbitrary Waveform Generator 6 kHz Bandwidth.
- Dropped cycle testing.
- Power Factor is fully adjustable 0 to 359.9 degrees.

For three-phase MQBs voltage to voltage phase angles can be independently adjusted phase to phase as can current phase angles.

- **Voltage Accuracy:** $\pm 1.0\%$.
- **Current Accuracy:** $\pm 1.0\%$.
- **Fundamental Frequency:** 45-65Hz.



ORDERING INFORMATION

Catalog No.: MQB

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.