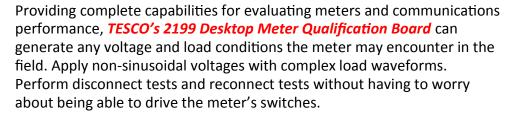
2199—DESKTOP METER QUALIFICATION BOARD

Introducing a TESCO Meter Qualification Board for your desk!



If you liked TESCO's 2100, then you will love the new 2199 Desktop Meter Qualification Board. The 2199 provides every option possible on a 2100 plus much more including:

- Voltages that are completely programmable from 30-480 volts
- Loads that are completely programmable from 0-50 amps
- Standard disconnect/reconnect testing
- A zero insertion force socket (electrically operated)
- The most lightweight and portable desktop meter station available

FUNCTIONALITY

The 2199 is a Desktop Meter Qualification Board that meets ALL of your meter evaluation needs.



Desktop MQB

2199



SPECIFICATIONS and FEATURES

- Voltage Drive: 30-480V RMS, 680V PK
- Current Drive: 0.01A to 50A RMS, 75A PK
- Automatic Generation of all ANSI C12.20-2016 waveforms
- Arbitrary harmonically defined waveforms
- Dropped cycle testing
- Phase fully adjustable as phase or power factor (0-359.9°)
- True ZERO insertion force socket with automatic closure on meter insertion
- Voltage Accuracy: ± 0.5% above 60V
- Current Accuracy: ±0.5% above 0.1A
- Voltage and Current Stability: ±0.1% (15°C to 30°C)

- Fundamental Frequency: 45-65Hz
- Meter Forms
 1S-6S, 8S-17S, 25S, 26S, 29S, 32S,

35S, 36S, 45S, 46S, 56S, 66S, 76S, 103S, 106S, 109S, 112S, 116S, 125S, 135S, 136S, 145S, 166S

- Please inquire for adding any other meter forms
- Supports all forms requiring AUX power connections
- Supports C12.20-2017 meter forms with AUX power connections
- Power Line Carrier
 Communication Testing
 - No PRTU or other external equipment are needed to perform PLC communication testing

- Forward/Reverse Current
- 800x480 Color LCD Display
- Integrated control keypad
- Ethernet connectivity
- Remote disconnect switch triggering can be handled up to 50 amps and the state of the disconnect switch will be indicated on the board.
- Power Requirements: 120 VAC, 1PH, 10A. Power cord included.
- Size approximately: 13.13" x 15.50" x 18.19"
- Weight approximately 41 pounds

Contact TESCO today for a quote or more information: 215.785.2338.

TESCO's 2100 DESKTOP METERS

Don't need all of the capabilities of the 2199 Desktop MQB? Need a cost effective solution for a dedicated application? Then TESCO's tried and true workhorse—the 2100 family—is your solution. Thousands of 2100 family products have been providing essential evaluation functionality for numerous AMI and AMR deployments throughout North America.

Some of the new developments for the 2199 have also been brought to the 2100 line and made part of their basic design. For example, for utilities who select the Powerline Carrier Communication testing option (-C) all versions of PLC can now be accommodated and none of them require any additional equipment to test. At TESCO we are constantly learning and working on improving what we are doing. We want to be your resource for all of your metering needs.

Call your Regional Manager for more information on either the new 2199 or our existing 2100 line.





SPECIFICATIONS and FEATURES

Standard Meter Forms Available

 All standard meter forms available

Voltage

- Voltage Selectable
 120/208/240/277 VAC; 347, 480
 and 600 VAC optional
- Custom voltages available

Dimensions

- 12"x10"x11" (W x H x D)
- 12"x10"x13" (W x H x D
 Disconnect and built-in load models)

2100 Options

- "C" Power Line Carrier
 Communication
- "D" Disconnect Operation
- "E" External Load up to 50 amps
- "I" Internal Load 1/2 amp phantom
- "L" Built-in Load 0, 5 and 30 amps (custom loads available)
- "R" Load Receptacle 120 VAC receptacle
- "V" 480 VAC Meter Testing
- "Can" (Canadian) units can have additional voltage selections of 347 and 600

2100 Desktop Meter Stations Stock Units Include:

- 2100-E-I-Reverse
- 2100-E-I-D-Reverse
- 2100-L-E-D-V-Reverse
- 2100-E-I-D-V-Reverse
- 2100-E-I-C-V
- 2100-E-I-C-D-V
- 2100-L-D-C-V-Reverse
- 2100-L-V-Reverse
- 2100-R-I-D
- 2100-E-R-D
- 2100-E-I-Can
- 2100-E-I-D-Can
- 2100-L-Can
- 2100-L-D-Can





