WECO 9200

Warm-Up Load Board

Overview

Radian Research introduces an innovative multi-form, multi-position meter warm-up board with independent, variable voltage and current driving a bank of four sockets. The WECO 9200 Warm-Up Load Board has locking wheels for roll around mobility and is available in either single or double sided socket layout configurations.

The WECO 9200 uses the highest quality meter socket design that you've come to expect from the leader in metering solutions. Safety is of paramount importance, with each socket isolated with a safety interlock mechanism. The addition of a plexiglass socket shield helps guide meter blades into the zero insertion force jaws. Furthermore, the socket shield helps minimize inadvertently dropping meter seals on socket conductors.

The WECO 9200 has continuous variable Voltage from 0 to 520 Volts with 1 Volt resolution and independent A & C Element Current with options of either 30 Amps maximum or 50 Amps maximum with 1 Amp resolution. Unlike most warm-up boards the WECO 9200 offers independent isolated phantom load for each socket, reducing meter creep seen on other test board solutions. This independence means the WECO 9200 does not need bypass adapters, nor will sockets become inoperative should a meter service disconnect remain open.

There is no energy reference standard in this solution. Accuracy is dependent on the ammeter and voltmeter accuracy and any differential losses due to multiple meter loading.

Key Features

- Zero Insertion Force meter sockets
- All aluminum frame construction
- Dead front safety interlocks and socket shield
- Does not require socket bypass adapters
- Single or double sided, up to 56 meter capacity
- ANSI meter forms 1S, 2S, 3S, 4S, 5S, 6S, 9S, 12S, 16S, 25S & 45S
- Selectable Meter Form switch
- Service 120V/15A
- Variable A & C element current source delivered and received
- 30 Amp and 50 Amp configurations available
- 200 VA max voltage burden per four sockets
- Multiple resettable safety breakers
- Roll around locking wheels for mobility
- Manual lever jaw release
- Independent Manual or Timer Control of Load Application and Duration for each bank of four sockets
- 2 year warranty

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