

Model 296

Digital Clamp-On Meter *Amp Plus*. The 296 is a clamp-on plus DMM with True RMS and Harmonics capabilities. The 296 offers measurements in all basic electrical functions, plus:

- **True RMS:** Provides accurate and dependable readings of non-linear loads.
- **HDR Mode:** Determines if a signal is clean or distorted.
- **Bar Graph:** When measuring frequency, bar graph indicates current level.
- **TRIM Mode:** Smooths out unstable readings.
- **Peak Mode:** For start-up and inrush currents.
- **Sleep Mode:** Preserves battery life
- **Data Hold:** Holds the reading on the display for easy viewing.



296 clamp-on plus DMM with True RMS and Harmonics capabilities.

TPI offers a full line of digital clamp-on meters for electrical, commercial, HVAC/R, industrial and process control applications.

- True RMS 700 Amps AC/DC
- Trim mode for stable readings
- HDR mode to determine if signal is clean or dirty
- Measure AC/DC volts, resistance, continuity and frequency
- Data hold
- Min/Max/Peak hold
- Sleep mode
- CAT III 600 V rated
- cULus 61010
- 3-year limited warranty



Product Description

The 296 is a clamp-on plus DMM with True RMS and Harmonics capabilities. The 296 offers measurements in all basic electrical functions, plus:

Model 296 Specifications

DC Voltage
Max Range:600V
Max Resolution:0.01V
Basic Accuracy: 0.75%

AC Voltage
Max Range:600V
Max Resolution:0.01V
Basic Accuracy: 1%

DC Amps
Max Range:700A
Max Resolution:0.01A
Basic Accuracy: 2%

DC Microamps:
N/A

AC Amps
Max Range:700A
Max Resolution: 0.01A
Basic Accuracy: 2%

Resistance
Max Range:40K Ω
Max Resolution:0.1 Ω
Basic Accuracy: 1%

Frequency
Max Range:10KHz
Max Resolution:0.1Hz
Basic Accuracy: 0.2%

Capacitance: N/A

Temperature: N/A

Non-Contact Voltage (NCV): N/A

Continuity Buzzer: <100 Ω

Diode Test: Yes

True RMS Response: Yes

Peak Hold: Yes

Relative Mode: No

Min/Max Record: No

Data Hold: Yes

% Total Harmonic Distortion: Yes

Range Selection: Auto / Manual

Display Type: 4000 count LCD with analog bargraph

Operating Temperature: 14°F to 113°F

Relative Humidity: 80% non-condensing

Storage Temperature: -4°F to 131°F

Battery Type: 9V (MN1604)

Battery Life: 80hrs typical

Auto Off / Sleep Mode: Yes

Dimensions (H x L x W): 1.5" x 7.25" x 2.5"

Weight: 11.1oz

Agency Approval:

CE IEC 1010: CAT III, 600V

cULus 3111-1