

AMP-200 and AMP-300 Series TRMS and Motor Maintenance Clamp Meters

Watch Video

Best Seller

The AMP-200 and -300 Series True-RMS Clamp Meters offer a complete range of measurement functions for modern electrical environments, motor testing and HVAC applications. All models feature True-RMS sensing, low pass filters and fast response processors for quick, error-free measurements. The new Amp-Tip function allows for precise measurement of current down to the tenth of an Amp, and a third input jack on the AMP-300 Series enables motor rotation and 3-phase sequence testing. These clamps are surprisingly versatile, designed to eliminate the need for multiple tools and provide all-in-one measurement capabilities.

- **True-RMS** for noisy environments
- **Motor testing capabilities** (AMP-300 Series)
- **HVAC features** (AMP-300 Series)
- **Capacitance measurement**
- **Amp-Tip function** for precise measurements on small wires
- **Low pass filter** for variable frequency drives
- **Peak hold** (AMP-330)
- **Work light** (AMP-330)



AMP-330
Industrial Motor
Maintenance
Clamp Meter

Clamp Meters

FEATURE	AMP-210	AMP-220	AMP-310	AMP-320	AMP-330	BEST ACCURACY
Electrical	AC Current				0 to 1000 A	±1.8% + 5LSD (50 to 100 Hz) AMP-330: ±1.8% + 5LSD (40 to 100 Hz)
	DC Current	–	0 to 600.0 A	–	0 to 600.0 A	±2.0% + 5LSD AMP-330: ±1.8% + 5LSD
	AC Voltage				0 to 1000.0 V	±1.0% + 5LSD (50 to 60 Hz) AMP-330: ±0.8% + 5LSD (50 to 60 Hz)
	DC Voltage	–	0 to 600.0 V	–	0 to 1000.0 V	±1.0% + 5LSD AMP-330: ±0.8% + 5LSD
	Resistance				0.0 kΩ to 60.00 kΩ	±1.0% + 5LSD
	Frequency				5.00 Hz to 999.9 Hz	±1.0% + 5LSD (600 V range) ±1.0% + 5LSD (600 A range) AMP-330: ±1.0% + 5LSD (1000 V range) ±1.0% + 5LSD (1000 A range)
	Amp-Tip Function (precise low current)	•	•	•	•	
HVAC	Accommodates Conductors	1.18" (30mm)	1.37" (35mm)	1.18" (30mm)	1.37" (35mm)	2.0" (51mm)
	Capacitance	0.0 μF to 2500 μF				±2.0% + 4LSD
	DCμA	–	–	0.0 to 2000 μA		±1.0% + 5LSD
	Temperature	–	–	-40.0 to 752°F, -40.0 to 400°C		-40.0 to 14.0°F (±1.0% + 3.0°F), >14.0 to 99.9°F (±1.0% + 1.5°F) 100 to 752°F (±1.0% + 2°F), -40.0 to -10.0°C (±1.0% + 1.5°C) >-10.0 to 99.9°C (±1.0% + 0.8°C), 100 to 400°C (±1.0% + 1°C)
Motor	3-Phase and Motor Rotation Indication	–	–	•	•	•
	Inrush Current	–	•	•	•	•
	Peak Hold (Crest)	–	–	–	–	•
	Low Pass Filter	•	•	•	•	•

INCLUDED ACCESSORIES: Test leads, user manual, batteries (installed)
AMP-310, AMP-320, AMP-330 only:
Alligator Clip Set, Banana plug K-type Thermocouple



AMP-330



Recommended Accessories

TL35B

Test Leads
(AMP-210 and
AMP-220 only)
(See Page 52)



TL-300

Test Leads
All AMP-200 and
AMP-300 Series
(not shown)



ELS2A

AC Line
Splitter
(See Page 52)

★★★★★ TOP RATED

"gives accurate measurement faster than any other meter I've used"

"I use this meter all the time and it still looks brand new. And I don't baby this meter. Super durable."

This is truly the cats meow for this price. And the biggest plus is this thing is fast. It zeroes out on the DC side very quickly and gives accurate measurement faster than any other meter I've used. I really have nothing bad to say about this meter and for the price it was worth every penny.

Would I buy this again? From the looks of it I probably won't have to unless I give one as a gift. This will be in my arsenal for a long time."

AMP-330 customer review

AMP-200 and AMP-300 Series TRMS and Motor Maintenance Clamp Meters

Watch Video

Best Seller

The AMP-200 and -300 Series True-RMS Clamp Meters offer a complete range of measurement functions for modern electrical environments, motor testing and HVAC applications. All models feature True-RMS sensing, low pass filters and fast response processors for quick, error-free measurements. The new Amp-Tip function allows for precise measurement of current down to the tenth of an Amp, and a third input jack on the AMP-300 Series enables motor rotation and 3-phase sequence testing. These clamps are surprisingly versatile, designed to eliminate the need for multiple tools and provide all-in-one measurement capabilities.

- **True-RMS** for noisy environments
- **Motor testing capabilities** (AMP-300 Series)
- **HVAC features** (AMP-300 Series)
- **Capacitance measurement**
- **Amp-Tip function** for precise measurements on small wires
- **Low pass filter** for variable frequency drives
- **Peak hold** (AMP-330)
- **Work light** (AMP-330)



AMP-330
Industrial Motor
Maintenance
Clamp Meter

Clamp Meters

FEATURE	AMP-210	AMP-220	AMP-310	AMP-320	AMP-330	BEST ACCURACY
Electrical	AC Current				0 to 1000 A	±1.8% + 5LSD (50 to 100 Hz) AMP-330: ±1.8% + 5LSD (40 to 100 Hz)
	DC Current	–	0 to 600.0 A	–	0 to 600.0 A	±2.0% + 5LSD AMP-330: ±1.8% + 5LSD
	AC Voltage				0 to 1000.0 V	±1.0% + 5LSD (50 to 60 Hz) AMP-330: ±0.8% + 5LSD (50 to 60 Hz)
	DC Voltage	–	0 to 600.0 V	–	0 to 1000.0 V	±1.0% + 5LSD AMP-330: ±0.8% + 5LSD
	Resistance				0.0 kΩ to 60.00 kΩ	±1.0% + 5LSD
	Frequency				5.00 Hz to 999.9 Hz	±1.0% + 5LSD (600 V range) ±1.0% + 5LSD (600 A range) AMP-330: ±1.0% + 5LSD (1000 V range) ±1.0% + 5LSD (1000 A range)
	Amp-Tip Function (precise low current)	•	•	•	•	
HVAC	Accommodates Conductors	1.18" (30mm)	1.37" (35mm)	1.18" (30mm)	1.37" (35mm)	2.0" (51mm)
	Capacitance	0.0 μF to 2500 μF				±2.0% + 4LSD
	DCμA	–	–	0.0 to 2000 μA		±1.0% + 5LSD
	Temperature	–	–	-40.0 to 752°F, -40.0 to 400°C		-40.0 to 14.0°F (±1.0% + 3.0°F), >14.0 to 99.9°F (±1.0% + 1.5°F) 100 to 752°F (±1.0% + 2°F), -40.0 to -10.0°C (±1.0% + 1.5°C) >-10.0 to 99.9°C (±1.0% + 0.8°C), 100 to 400°C (±1.0% + 1°C)
Motor	3-Phase and Motor Rotation Indication	–	–	•	•	•
	Inrush Current	–	•	•	•	•
	Peak Hold (Crest)	–	–	–	–	•
	Low Pass Filter	•	•	•	•	•

INCLUDED ACCESSORIES: Test leads, user manual, batteries (installed)
AMP-310, AMP-320, AMP-330 only:
Alligator Clip Set, Banana plug K-type Thermocouple



AMP-330



Recommended Accessories

TL35B

Test Leads
(AMP-210 and
AMP-220 only)
(See Page 52)



TL-300

Test Leads
All AMP-200 and
AMP-300 Series
(not shown)



ELS2A

AC Line
Splitter
(See Page 52)

★★★★★ TOP RATED

"gives accurate measurement faster than any other meter I've used"

"I use this meter all the time and it still looks brand new. And I don't baby this meter. Super durable."

This is truly the cats meow for this price. And the biggest plus is this thing is fast. It zeroes out on the DC side very quickly and gives accurate measurement faster than any other meter I've used. I really have nothing bad to say about this meter and for the price it was worth every penny.

Would I buy this again? From the looks of it I probably won't have to unless I give one as a gift. This will be in my arsenal for a long time."

AMP-330 customer review