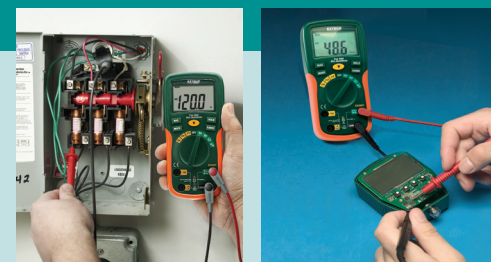# EXTECH® INSTRUMENTS

Extech EX205T: True RMS Precision for Every Budget

Customers with tight budgets can now upgrade to an auto-ranging multimeter that offers the added measurement confidence of True RMS accuracy.
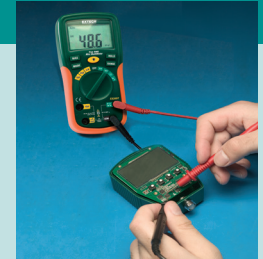
What makes the EX205T stand out?

• **True RMS** – Get accurate readings every time, even in industrial and commercial job sites where solid-state or electronic control components can distort AC waveforms

• **Auto-ranging** – Simplify measurements and avoid errors from manually selecting an incorrect measurement range

• **Affordable** – Unbeatable value from a trusted brand with the peace of mind of a 1 year warranty

HERE'S HOW ELECTRICAL PROFESSIONALS ARE USING THE EX205T AROUND THE WORLD:

MANUFACTURING	HVAC / IAQ	FACILITIES MAINTENANCE	LOGISTICS & TRANSPORTATION
• Essential electrical testing • Electrical panel diagnostics • Repair conveyor system motors • Install/maintain position sensors, inline sensors • Factory-wide predictive maintenance • Troubleshoot process control equipment	• Identify compressor-related problems • Troubleshoot building automation systems (BAS) • Calibrate fresh air system operation • Diagnose chiller starter issues • Test electrical relays & damper motors	• Upgrade electrical panels • LED lighting & switchgear upgrades • Identify breaker tripping causes • Troubleshoot outlet circuit issues • Install upgraded circuits for new equipment • Plant-wide electrical predictive maintenance • Test/repair elevator/escalators • Troubleshoot hoist/crane controls	• Maintain cold-chain refrigeration systems • Troubleshoot sortation sensors & conveyors • Repair fleet vehicle direct drive freezers • Install charging stations for hybrid trucks • Repair wiring on inventory scanning systems • Quickly repair pallet trucks • Test signal equipment & loop sensors on facility grounds

HOSPITALITY	HEALTHCARE	GOVERNMENT	MILITARY
• Upgrade electrical & A/V in renovated guest rooms • Repair Packaged Terminal AC units (PTAC) in guest rooms • Troubleshoot conference/ event A/V and power drops • Install LED lighting fixtures & dimmers property-wide • Repair refrigeration, appliances in kitchen/dining areas • Maintain resort ski & gondola motor controls	• Test UPS/standby power systems • Troubleshoot plant HVAC/mechanical systems • Maintain patient care-related systems • Upgrade telecom/data wiring • Replace damaged receptacles & connectors • Upgrade LED lighting in rooms, corridors, parking garages • Trace cooling tower malfunctions	• Test UPS/standby power systems • Troubleshoot office HVAC/mechanical systems • Replace electrical, telecom & data wiring in older facilities • Install/troubleshoot security systems • Upgrade LED lighting	• Base housing electrical & HVAC system maintenance • Vehicle troubleshooting • Remote solar power system installations • Communications & avionics electronics diagnostics • Biomedical equipment maintenance • Testing environmental systems • Administrative facility electrical, HVAC and lighting maintenance

Extech EX205T: True RMS Precision for Every Budget

Customers with tight budgets can now upgrade to an auto-ranging multimeter that offers the added measurement confidence of True RMS accuracy.

The Extech EX205T's True RMS capability is ideal for jobs with:

- Solid-state dimmers/lighting control
- Both AC & DC equipment
- Servo drives
- Inverters
- Programmable logic controller (PLCs)

Peace of Mind:

- Backed by a one-year warranty
- CE and ETL approved
- Available with optional calibration traceable to NIST (the National Institute of Standards and Technology, United States)

Robust Functions to Get the Job Done:

- Auto-ranging
- True RMS for accurate AC readings even with non-sine wave signals
- Measure current, voltage, resistance
- Continuity and diode testing
- Useful data functions:
- Max Hold to capture maximum readings
- Data Hold to freeze the display
- Low current resolution down to 0.1µA
- Easy to read, 4-digit backlit display (2000 count)
- CAT III-600V rated
- Automatic power-off to extend battery life
- Includes test leads & 9V battery

Specifications	Range	Max Resolution
AC Voltage	600V	0.1mV
DC Voltage	600V	0.1mV
Basic Accuracy (VDC)	±0.5%	
AC Current	10A	0.1µA
DC Current	10A	0.1µA
Resistance	20MΩ	0.1Ω
Continuity / Diode	Yes	
Dimensions	5.8x2.9x1.6" (147x76x42mm)	
Weight	9.17oz (260g)	

Ordering

EX205T .... True RMS Autoranging MultiMeter

EX205T-NIST ..... EX205T with Certificate of Calibration Traceable to NIST