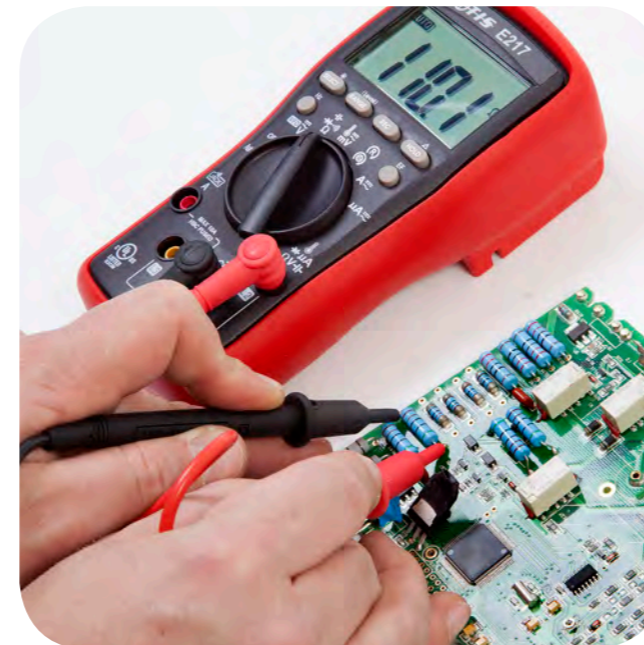
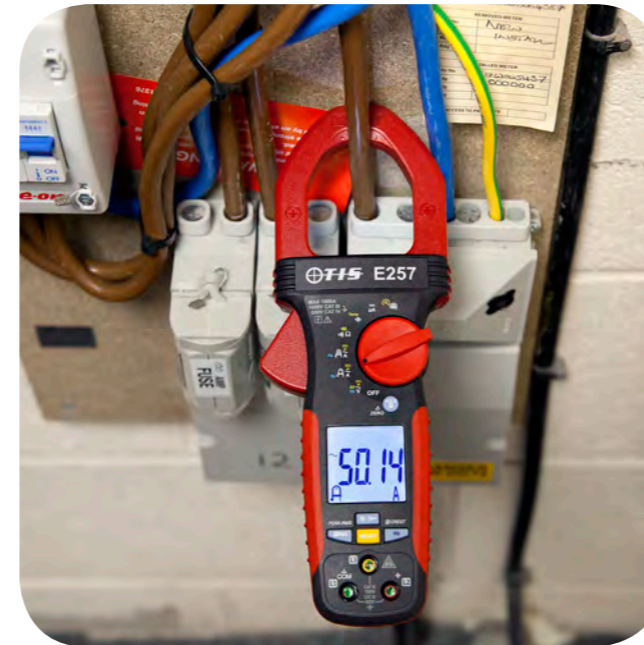


MULTIMETER FEATURE CHART

FEATURES	TIS E217	TIS E227
• 3 - 5/6 Digits & 4 - 1/2, 6000 / 20,000 Count, Large LCD Display	3 - 5/6 6000 Count	4 - 1/2 20,000 Count
• Nominal 5/Sec Fast Measurement; Fully Auto-Ranging	✓	✓
• 61 Segment Analog Bar-graph Updates 60/Sec	-	✓
• Dual Digital Display AC + Hz Readings	-	✓
• AC TRMS Conversion	✓	✓
• Intelligent Auto Power Off	✓	✓
• Date Hold	✓	✓
• Relative Zero Mode	✓	✓
• BeepJack™ Input Warning against improper plug in to μ AmA/A Terminals	A only	✓
• Crest (Peak-Hold) Max / Min Readings	-	✓
• Auto V LoZ Feature. Auto DC & AC 1000V Selection with low initial to drain ghost voltages	✓	-
• Records Max/Min Readings & Calculates Avg Reading	✓	-
• High-Update Record Max/Min Readings, Update Intervals DC's 100ms / AC's 120ms	-	✓
• VFD V & VFD-Hz Measures Fundamental V & Hz of most Variable-Frequency-Drives	✓	✓
• Back Lit Display	✓	✓
• nS Range 60.00nS	-	✓
• Ohms Range 200.00 Ω to 20.000M Ω	✓	-
• Ohms Range 600.00 Ω to 60.000M Ω	-	✓
• AC/DC Voltage Ranges 200.00mV to 1000.0V	600mV to 1000V	✓
• 3phase Mains Rotation	✓	-
• 3phase Motor Rotation	✓	-
• Non Contact Voltage (NCV) Hi/Lo Sensitivity Probe Contact for precise detection	✓	-
• Best Basic DCV accuracy up to 0.09%	-	✓
• ACV Bandwidth up to 20kHz	-	✓
• CX Ranges 2000nF - 10mF for Start & Run Motor Capacitors	✓	-
• Capacitance Ranges 20.00nF to 20.00mF	-	✓
• BeepLit™ Continuity. Features Audible Beep & Visible Backlight Effects	-	✓
• Frequency Ranges 9.999Hz to 100.0kHz	99.99Hz to 50Hz	✓
• AC/DC μ A, mA & A Ranges 200.00 μ A to 10.000A	200 μ A to 2000 μ A	✓
• Temperature Readings -40°C to 400°C or °F	✓	-
• Transient Protection up to 8kV	6kV	✓
• LVD Meets EN61010-1/61010-2-032/61010-2-033 to Measurement: CAT-III 1kV CAT-III 600V CAT-III 1000V & CAT-IV 600V	CAT-II 1kV CAT-III 600V CAT-IV 300V	✓
• EMC: EN61326-1: 2013	✓	✓
• Diode Test	✓	✓

ELITE - RANGE



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ELITE - RANGE

HIGH PERFORMANCE HIGH PRECISION
 HIGH ACCURACY



ELITE - RANGE

TIS E237
Digital Clamp Meter
600A AC
with AmpTip™ Jaws



TIS E247
Digital Clamp Meter
600A AC/DC
with AmpTip™ Jaws



TIS E257
Digital Clamp Meter
1000A DC/AC
with AmpTip™ Jaws



CE EMC: EN 61326-1
(EN55022, EN61000-3-2/-3
& EN61000-4-2/-3/-4/-5/-6/-8/-11)

COMPLETE WITH
Calibration Certificate

Please see our
Clamp Meter Feature Chart
opposite for full specifications

CLAMP METER FEATURE CHART

FEATURES	TIS E237	TIS E247	TIS E257
VFD-V & Hz for fundamental V/Hz of most Variable-Frequency-Drives	✓	✓	✓
Fast Measurement updates	5/Sec	5/Sec	3/Sec
3 - 5/6 Digits, 6000 Count, Large LCD Display	✓	✓	✓
Conductor Size Hall-Effect DC/AC Jaws	-	35mm 600A DC/AC	51mm 1000A DC/AC
Conductor Size Ultra-Slim AC Jaws	30mm 600A	30mm 600A	-
AmpTip™ Low-Current-Range Calibrated at Jaw-Tip for Slim-Conductors	✓	✓	✓
True RMS Voltage and Current Functions	AC	AC + DC, AC	AC + DC, AC
Input Protection on General Functions	600V AC/DC	600V AC/DC	1000V AC/DC
Auto Power Off	✓	✓	✓
Data Hold	✓	✓	✓
Record Max/Min/Avg Mode (Auto-Ranging)	✓	✓	✓
Relative Mode (Auto-Ranging) with DC-Zero Mode on DCA, DC + ACA Ranges	✓	✓	✓
Fast 80ms PEAK-RMS Mode to Capture In-Rush Currents	✓	✓	✓
Back-Lit, Easy to Read LCD Display	✓	✓	✓
5ms Crest Mode to capture instantaneous +Peak & -Peak	-	-	✓
Flash Light for easy operation in dim areas	-	-	✓
Non-Contact EF-Detection (NCV)	✓	✓	✓
Probe-Contact EF-Detection for more precise indication of Live	✓	✓	✓
3φ-Rotation-R for MAINS Supply (Probe-contact)	✓	✓	✓
3φ-Rotation-M (Hi-sensitivity mode) for Motors (Probe-contact)	✓	✓	✓
Type-K Temperature Readings -40.0°C to 400°C or -40.0°F to 752°F selectable	✓	✓	✓
DCµA Ranges 200.0µA to 2000µA (via leads) for HVAC Flame Sensors	✓	✓	✓
DC + ACA Range	-	60.00A to 600.0A	60.00A to 1000.0A
DCA Range	-	60.00A to 600.0A	60.00A to 1000.0A
ACA Range	60.00A to 600.0A	60.00A to 600.0A	60.00A to 1000.0A
DC + ACV Range	-	600.0V	1000V
DCV Range	600.0V	600.0V	1000V
ACV Range	600.0V	600.0V	1000V
Ohms Ranges 600.0Ω	✓	✓	✓
Cx Ranges 200.0µF to 2500µF for Start & Run Motor Capacitors	✓	✓	✓
Diode Test & Fast Audible Continuity	✓	✓	✓
Line Level ACV Frequency 5.00Hz to 999.9kHz	✓	✓	✓
Soft Carrying Pouch	✓	✓	✓
Rugged Fire Retarded Casing with Battery Access Door	✓	✓	✓
Transient Protection up to 8kV 1.2/50µs Lightning Surge	6kV	6kV	8kV
LVD: EN61010-1/61010-2-032/61010-2-033 to CAT-III 1000V & CAT-IV 600V	CATIII 600V CATIV 300V	CATIII 600V CATIV 300V	CATIII 1000V CATIV 600V
EMC: EN61326-1 (EN55022, EN61000-3-2/-3 & EN61000-4-2/-3/-4/-5/-6/-8/-11)	✓	✓	✓

ELITE - RANGE

TIS E217
Electrical
Multimeter



TIS E227
Professional
Multimeter



CE EMC: EN 61326-1
(EN55022, EN61000-3-2/-3
& EN61000-4-2/-3/-4/-5/-6/-8/-11)

COMPLETE WITH
Calibration Certificate

Please see our
Multimeter Feature Chart
overleaf for full specifications