OMNIA[®]II

THE MOST ADVANCED ELECTRICAL SAFETY COMPLIANCE ANALYZERS IN THE INDUSTRY

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Our OMNIA® II Series is a complete line of multi-function electrical safety compliance analyzers designed to satisfy even the most demanding application requirements. We've included exclusive productivity-enhancing features and the latest in safety technology to make this product line the envy of the industry. With 6 models to choose from, a multi-language menu system and a variety of automation interfaces available, the OMNIA® II is ready for global deployment.





SAFETY & PRODUCTIVITY **FEATURES**

Interlock

Active Link[®]

Continuous

power during

test steps





Smart GFI® Remote Safety Automatic Easily disable operator shock HV output protection

Prompt & Hold Provides alerts & instructions between tests







Multiple Languages Multi-Language user interface

My Menu Customize your own shortcut menu





DualCHEK® Simultaneous Hipot and Ground Bond

Internal Scanner Available with optional HV scanning matrix (8 or 16 ports)

Modular Scanner Compatible with SC6540 scanning matrix























FailCHEK™ Confirms

failure

detection

Cal-Alert[®] Tracks and alerts for calibration



DC Hipot

Software

relay control





Charge-LO® Confirms proper DUT connection

Arc Detection High frequency filter for corona detection







Accredited Cal Accredited calibration

Ground Bond

Voltage Drop



options available







Autoware®3 Advanced Automation Control



arisafety.com



Find the Right Model that Fits Your Testing Needs

Ground Bond

Ground

Continuity

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Insulation

Resistance

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Leakage

Current

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Functional

Run

Built-in

AC Power

Power Source

Recommended



*Meets 200 mA short circuit requirements

AC Hipot

500 VA*

•

500 VA*

8257 500 VA*

8204

8254

8206

8256

8207

DC Hipot

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CATIONS		GROUND BO	ND TEST
50/60 Hz ± 5%		Output Voltage (Open Circuit Limit)	Range:
,		Output Frequency	Range:
IIHSIANL	DIESI MODE	Output Current	Range:
5 kV @ 100 mA	AC (Models 825x)		Resolution: Accuracy:
Resolution: 1 V Accuracy: ± (2	% of setting + 5 volts)	Maximum Loading	1.00 – 10.00 10.01 – 30.0 30.01 – 40.0
		HI and LO-Limit	Range:
Range:	0.000 – 9.999 mA		-
Range: Resolution:	10.00 – 50.00 mA (100.00 mA, Models 825x) 0.01 mA		Resolution: Accuracy: Range:
Range: Resolution:	0.000 – 9.999 mA 0.001 mA		Resolution: Accuracy:
Range: Resolution:	10.00 – 50.00 mA (100.00 mA, Models 825x) 0.01 mA	Dwell Timer	Range:
Accuracy: Range:	± (3% of setting + 50 μA) 0.0 – 999.9 μA	Milliohm Offset	Range:
Resolution: Range:	0.1 μA 1000 – 20000 μA	CONTINUITY	TEST MC
Resolution: Accuracy:	1 μA ± (2% of setting + 2 counts)	Output Current	DC 0.01 A ±
Range:	1 – 9 (9 is most sensitive)	' Resistance Display	Range:
Current:	DC 0.1 A ± 0.01 A, fixed	HI and LO-Limits	Range
Max. Ground re			Resolution:
GFI Trip Currer	nt: 0.4 mA - 5.0 mA (AC or DC)		Range 2: Resolution:
			Range 3:
≤4% Ripple RN	IS at 5kVDC at 20 mA Resistive Load		Resolution: Accuracy:
≤ 50 ms no load, < 100 ms for capacitive load			Range 4: Resolution: Accuracy:
$1\mu\text{F} < 1k\text{V}$	0.08 µF < 4 kV		Accuracy.
0.75 μF < 2 kV 0.5 μF < 3 kV	0.04 µF < 6 kV	Dwell Timer	Range:
Sine Wave, Cre	st Factor = 1.3 – 1.5	Milliohm Offset	Range:
Range:	60 or 50 Hz, User Selection (400/800 Hz optional)	RUN TEST MO	DDE (MO
· ·		DUT Power	Voltage: Current:
Range: Range:	AC 0.4 –999.9 sec (0 = Continuous) DC 0.3 –999.9 sec (0 = Continuous)		Range: Resolution: Accuracy: Short Circu
Range:	Ramp-Up: AC 0.1 – 999.9 sec		Short Gircu
	DC 0.4 – 999.9 sec	Delay Time Setting	Range:
	50/60 Hz ± 5% 115 VAC, 230 V/ ITHSTANE 5 kV @ 50 mAA 5 kV @ 100 mA/ 6 kV @ 20 mAD Resolution: 1 V Accuracy: \pm (2) Range: Resolution: Accuracy: Range: Resolution: Accuracy: Range: Resolution: Accuracy: Range: Resolution: Accuracy: Range: Resolution: Accuracy: Range: Resolution: Accuracy: Range: Current: Max. Ground re GFI Trip Currer HV Shut Down \leq 4% Ripple RW \leq 50 ms no load 1 µF < 1 kV 0.75 µF < 2 kV 0.5 µF < 3 kV Sine Wave, Cre Range: \pm (1 % of output from no load to Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Range: Ra	115 / 230 V auto-range, ± 15 % variation 50/60 Hz ± 5% 115 VAC, 230 VAC - 10 A Slow Blow 250 VAC ITHSTAND TEST MODE 5 kV @ 50 mAAC 5 kV @ 100 mAAC (Models 825x) 6 kV @ 20 mADCResolution: 1 V Accuracy: ± (2% of setting + 5 volts)Range:0.000 - 9.999 mA Resolution:Resolution:0.001 mA Range:Range:10.00 - 50.00 mA (100.00 mA, Models 825x) Resolution:Range:0.000 - 9.999 mA Resolution:Resolution:0.01 mA Accuracy:Accuracy:± (2% of setting + 2 counts) Range:Range:10.00 - 50.00 mA (100.00 mA, Models 825x) Resolution:Resolution:0.01 mA Accuracy:Accuracy:± (3% of setting + 50 µA) Range:Range:10.00 - 90000 µA Resolution:Resolution:0.1 µA Range:Range:10.00 - 20000 µA Resolution:Resolution:0.1 µA MA Range:Range:1 - 9 (9 is most sensitive)Current:D C 0.1 A ± 0.01 A, fixed Max. Ground resistance:GFI Trip Current: 0.4 mA - 5.0 mA (AC or DC) HV Shut Down Speed: <1 ms	Into / 230 V auto-range, \pm 15 % variation 50/60 Hz \pm 5% 115 VAC, 230 VAC - 10 A Slow Blow 250 VACOutput Voltage (Open Circuit Limit)Output CurrentResolution: 1V Accuracy: \pm (2% of setting + 5 volts)HI and LO-LimitMaximum LoadingResolution: 0.00 mA Range: 1000 - 20000 µA Resolution: 0.11 mA Accuracy: \pm (2% of setting + 5 ophA) Range: 1000 - 20000 µA Resolution: 1 µA Accuracy: \pm (2% of setting + 2 counts)Dwell Timer Resistance DisplayHiland LO-LimitsGort colspan="2">Output CurrentResolution: 0.11 \pm 0.10, fixedGIFTip Current: 0.4 mA - 50 mA (AC or DC) HV Shut Down Speed: < 1 msYowell TimerMilliohm OffsetRange: 60 or 50 Hz, User Selection (400/800 Hz optional) \pm (2% of output + 5V) from no

INSULATION RESISTANCE TEST MODE

Voltage Setting	Range: 30 – 100	00 VDC
HI and LO-Limit	Range: Resolution: Range: Resolution: Range: Resolution:	0.05 MΩ – 99.99 MΩ 0.01 M Ω 100.0 MΩ – 999.9 MΩ 0.1 MΩ 1000 MΩ – 50000 MΩ 1 MΩ (HI – Limit: 0 = OFF)
Ramp Timer	Ramp-Up: Ramp-Down:	0.1 – 999.9 sec 0.0, 1.0–999.9 sec (0=Continuous)
Delay Timer	Range:	0.5 – 999.9 sec (0 = Continuous)

T MODE

Output Voltage (Open Circuit Limit)	Range:	3.00 - 8.00 VAC	
Output Frequency	Range:	60 or 50 Hz, user selectable	
Output Current	Range: Resolution: Accuracy:	1.00 – 40.00 A 0.01 A ± (2 % of setting + 0.02 A)	
Maximum Loading	1.00 – 10.00 A, 0 – 600 mΩ 10.01 – 30.00 A, 0 – 200 mΩ 30.01 – 40.00 A, 0 – 150 mΩ		
HI and LO-Limit	Range: Resolution: Accuracy: Range: Resolution: Accuracy:	0 - 150 mΩ for 30.01 - 40.00 Amps 0 - 200 mΩ for 10.01 - 30.00 Amps 0 - 600 mΩ for 1.00 - 10.00 Amps 1 mΩ ± (2% of reading + 2 mΩ) 0 - 600 mΩ for 1.00 - 5.99 Amps 1 mΩ ± (3% of reading + 3 mΩ)	
Dwell Timer	Range:	0.5 – 999.9 sec (0 = Continuous)	
Milliohm Offset	Range:	0 – 200 mΩ	
CONTINUITY TEST MODE			
Output Current	DC 0.01 A ± 0.00001 A		
Resistance Display	Range:	0.00 – 10000 Ω	

Resistance Display	Range:	0.00 - 10000 12
HI and LO-Limits	Range Resolution: Range 2: Resolution: Range 3: Resolution: Accuracy: Range 4: Resolution: Accuracy:	$\begin{array}{l} 1: 0.00 - 10.00 \ \Omega \\ 0.01 \ \Omega \\ 10.1 - 100.0 \ \Omega \\ 0.1 \ \Omega \\ 101 - 1000 \ \Omega \\ 1 \ \Omega \\ \pm (1 \ \% \ of \ reading + 3 \ counts) \\ 1001 - 10000 \ \Omega \\ 1 \ \Omega \\ \pm (1 \ \% \ of \ reading + 10 \ counts) \\ (Max \ Limit: \ 0 = OFF) \end{array}$
Dwell Timer	Range:	0.0, 0.3 – 999.9 sec (0 = Continuous)
Milliohm Offset	Range:	0.00 – 10.00 Ω

ODELS 82X6 & 82X7)

DUT Power	Voltage: Current: Range: Resolution: Accuracy: Short Circuit P	0 – 277 VAC Single Phase Unbalanced 16 AAC max continuous 0.0 – 277.0 VAC Full Scale 0.1 V ± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC rotection: 23 AAC, Response Time < 3s
Delay Time Setting	Range:	0.2 – 999.9 seconds
Dwell Time Setting	Range:	0.1 – 999.9 seconds (0 = Continuous)

OMNIA® II

RUN TEST MODE (MODELS 82X6 & 82X7) CONTINUED

Trip Point Settings &	Voltage: Volt-Hi		To Di:
Metering	Volt-LO Range:	30.0 – 277.0 VAC	
	Resolution:	0.1 V	
	Accuracy:	± (1.5% of setting + 0.2 V), 30.0–277 VAC	
	Current:		
	Amp-HI Amp-LO		
	Range:	0.0 – 16.00 AAC	
	Resolution:	0.01 A	
	Accuracy: Watts:	± (2.0% of setting + 2 Counts)	
	Power-HI		
	Power-LO		
	Range:	0 – 4500 W	
	Resolution: Accuracy:	1 W ± (5.0% of setting + 3 Counts)	
	Power Factor:		
	PF-HI		
	PF-LO	0.000 1.000	
	Range: Resolution:	0.000 – 1.000 0.001	
	Accuracy:	± (8% of setting + 2 Counts)	
	Leakage Current:	-	
	Leak-HI Leak-LO		
	Range:	0.00 – 10.00 mA (0 = OFF)	
	Resolution:	0.01 mA	То
	Accuracy:	± (2% of setting + 2 Counts)	
	Leakage current measuri	ing resistor MD=2K Ω ± 1%	Di
limer display	Range:	0.0 – 999.9 seconds	
	Resolution:	0.1 second	
	Accuracy:	\pm (0.1% of reading + 0.05 seconds)	
	E CURRENT TES		
OUT Power	Voltage: 0 – 277 VAC		
	Current: 16 AAC max cor Voltage Display	ntinuous	
	Range:	0.0 – 277.0 VAC Full Scale	
	Resolution:	0.1 V	
	Accuracy:	± (1.5% of reading +0.2 V),	
	Accuracy:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC	
	Accuracy:	± (1.5% of reading +0.2 V),	
	Accuracy: Short Circuit Protection: Reverse polarity switch s	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC	
	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s	
	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO	l
Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Revers	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity.	
Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity.	
Switch Neutral Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Revers ON/OFF selection for sir	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity.	
Switch Neutral Switch Ground Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Revers ON/OFF selection for sir ON/OFF selection for Cl	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition	MI
Switch Neutral Switch Ground Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Revers ON/OFF selection for sir ON/OFF selection for Cl	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition	
Switch Neutral Switch Ground Switch Probe Setting	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Revers ON/OFF selection for cl Surface to Surface (PH – Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L)	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition PL)	
Switch Neutral Switch Ground Switch	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Reverse ON/OFF selection for sir ON/OFF selection for Cl Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L) Range:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition	
Switch Neutral Switch Ground Switch Probe Setting Fouch Current	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Reverse ON/OFF selection for sir ON/OFF selection for Cl Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L) Range:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition PL) 0.0 μA ~ 999.9 μA 1000 μA ~ 10.00 mA	
witch Neutral Switch Ground Switch Probe Setting Touch Current	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Reverse ON/OFF selection for sir ON/OFF selection for Cl Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L) Range:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition PL) 0.0 μA ~ 999.9 μA 1000 μA ~ 10.00 mA	
Switch Neutral Switch Ground Switch Probe Setting Fouch Current	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Reverse ON/OFF selection for sir ON/OFF selection for Cl Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L) Range:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition PL) 0.0 μA ~ 999.9 μA 1000 μA ~ 10.00 mA	Ex
witch Neutral Switch Ground Switch Probe Setting Touch Current	Accuracy: Short Circuit Protection: Reverse polarity switch s ON: Reverse power OFF: Normal AUTO: Automatic Reverse ON/OFF selection for sir ON/OFF selection for Cl Surface to Surface (PH – Surface to Line (PH – L) Ground to Line (G – L) Range:	± (1.5% of reading +0.2 V), 30.0 – 277.0 VAC 23 AAC, Response Time < 3 s etting select ON/OFF/AUTO se Polarity. ngle fault condition ass I single fault condition PL) 0.0 μA ~ 999.9 μA 1000 μA ~ 10.00 mA	M

LEAKAGE CURRENT TEST MODE (MODELS 82X6 & 82X7 ONLY) CONTINUED

Touch Current Display (RMS) Range 1: 0.0 μA ~ 32.0 μA, frequency DC, 15 Hz - 1 MHz Range 2: 28.0 μA ~ 130.0 μA, frequency DC, 15 Hz - 1 MHz Range 3: 120.0 μA ~ 550.0 μA, frequency DC, 15 Hz - 1 MHz Range 3: 120.0 μA ~ 550.0 μA, frequency DC, 15 Hz - 1 MHz Resolution for Ranges 1, 2, 3: 0.1 μA	
Range 2: 28.0 μA ~ 130.0 μA, frequency DC, 15 Hz - 1 MHz Range 3: 120.0 μA ~ 550.0 μA, frequency DC, 15 Hz - 1 MHz	
Range 3: 120.0 µA ~ 550.0 µA, frequency DC, 15 Hz - 1 MHz	
Resolution for Ranges 1, 2, 0. 0.1 µ	
Accuracy for Ranges 1, 2, 3:	
DC , 15 Hz < f <100 KHz:	
\pm (2% of reading + 3 counts)	
100 KHz < f < 1 MHZ :	
±5% of reading (10.0 μA - 999.9 μA)	
Range 4: 400 µA ~ 2100 µA, frequency DC, 15 Hz - 1 MHz	
Range 5: 1800 μA ~ 8500 μA, frequency DC, 15 Hz - 1 MHz	
Resolution for Ranges 4, 5: 1 µA	
Accuracy for Ranges 4, 5:	
DC , 15 Hz < t <100 KHz:	
\pm (2% of reading + 3 counts)	
100 KHz < f < 1 MHZ:	
±5% of reading (10 μA - 8500 μA) Range 6: 8.00 mA ~ 10.00 mA, frequency DC,	
15 Hz – 100 kHz	
Resolution: 0.01 mA	
Accuracy: DC, 15 Hz < f < 100 KHz:	
±5% of reading (0.01 mA -10.00 mA)	
Touch Current Range 1: $0.0 \mu\text{A} \sim 32.0 \mu\text{A}$,	
frequency DC - 1 MHz	
Display (Peak) Range 2: 28.0 μA ~ 130.0 μA,	
frequency DC - 1 MHz	
Range 3: 120.0 μA ~ 550.0 μA, frequency DC _ 1 MHz	
frequency DC - 1 MHz Resolution for Ranges 1, 2, 3: 0.1 μA	
Accuracy for Ranges 1, 2, 3:	
DC : ±(2% of reading + 2 μ A) 15 Hz < f < 1 MHZ :	
DC : \pm (2% of reading + 2 μ A)	
DC : ±(2% of reading + 2 μA) 15 Hz < f < 1 MHZ : ±10% of reading + 2 μA Range 4: 400 μA ~ 2100 μA,	
$\begin{array}{l} DC: \pm(2\% \mbox{ of reading } + 2\ \mu A) \\ 15\ Hz < f < 1\ MHZ: \\ \pm 10\% \mbox{ of reading } + 2\ \mu A \\ \\ Range 4: \qquad 400\ \mu A \sim 2100\ \mu A, \\ \\ frequency DC: - 1\ MHz \end{array}$	
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$\begin{array}{ll} DC:\pm(2\% \mbox{ of reading } + 2\ \mu A) \\ 15\ Hz$	
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AC POWER SOURCE (82X7 ONLY)

Output	Power: 630 VA and 500 W Maximum			
	Voltage: 0 - 150.0 V / 0 - 277.0 V			
		ximum for 0-150 V range ximum 0-277 V range		
	Distortion: ≤ 1% at 45-500 Hz and output voltage within the 80~140 VAC at Low Range or the 160~277 VAC at High Range. (Resistive Load) Regulation: ≤ 0.5% + 5V (Resistive Load), From no load to full load and Low Line to High Line (combined regulation)			
	Crest Factor: > 3 Test timing: < 350 mS at start and between Limit: Steps when internal AC source is ON			
Settings Voltage	Low Range: High Range: Resolution: Accuracy:	0.0 - 150.0 V 0.0 - 277.0 V 0.1 ± (1.5% of setting + 2 counts)		
Frequency	Range: Resolution: Accuracy: Range: Resolution: Accuracy:	45.0 Hz - 99.9 Hz 0.1 ±0.1% of setting 100 Hz - 500 Hz 1 ±0.1% of setting		
A-Hi-limit	Range: Resolution: Accuracy:	4.20 A/2.10 A 0.01 ± (2 % of reading +2 counts)		
Measurement Voltage	Range: Resolution: Accuracy:	0.0-277.0 V 0.1 ± (1.5 % of reading +2 counts)		
	Current: Range: Resolution: Accuracy:	0.00-16.00 A 0.01 ± (2 % of reading +2 counts)		
	Power: Resolution: Accuracy:	0-4500 1 ± (5% of reading +3 counts) for PF>0.100		
	Power Factor: Resolution: Accuracy:	0.000-1.000 0.001 ± (8 % of reading +5 counts)		
	Frequency: Resolution: Accuracy:	45-500 Hz 0.1 ± 0.1 Hz		

GENERAL SPECIFICATIONS

PLC Remote Control		Reset, Interlock, Recall File 1 through 3 Fail, Test-in-Process	
Safety	Built-in Smart GFI circuit		
Memory	10,000 Steps		
Interface	Standard: USB/RS-232 Optional: Ethernet or GPIB		
Security	Advanced security system with access levels and username/password requirements		
Dimensions (W x H x D)	16.93 x 5.24 x 19.69 in. (430 x 133 x 500 mm)		
Weight	8204 8254 8206/8207 8256/8257	82 lbs (37 kg) 92 lbs (42 kg) 83 lbs (38 kg) 103 lbs (47 kg)	

Why We Use Counts

Associated Research publishes some specifications using "counts" which allows us to provide a better indication of the instrument's capabilities across measurement ranges. A count refers to the lowest resolution of the display for a given measurement range. For example, if the resolution for voltage is 1V then 2 counts=2V.

Specifications subject to change without notice.