

Meters & Instruments

Distributor Products GUIDE

MEASURE • RECORD • CONTROL • TEST



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BIG LOOK & HORIZON LINE ANALOG PANEL METERS

Analog Panel Meters

FEATURES:

- 2% accuracy, UL recognized
- 1.5", 2.5", 3.5", 4.5" sizes available
- Electric inputs: AC/DC A, V, Frequency and Time
- Rear panel window mtg., front panel surface mtg., rear panel surface mtg.



SPECIFICATIONS SHEET

	SIZE	1 1/2 TAUT BAND	2 1/2 TAUT BAND	2 1/2 PIVOT AND JEWEL
DC VOLTMETERS DC VOLTMETERS - ZERO LEFT (ZERO CENTER AVAILABLE)	1.0 Volt	250120LALA \$54.60	250220LALA \$52.50	254220LALA \$52.50
	10 Volt	250120MTMT \$54.60	250220MTMT \$52.50	254220MTMT \$52.50
	100 Volt	250120PKPK \$54.60	250220PKPK \$52.50	254220PKPK \$52.50
	600 Volt	.....	.....	.....
DC AMMETERS DC MICROAMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE) DC MILLIAMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE) DC AMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE)	20 µA	250100CFCF \$56.70	250200CFCF \$53.55	.....
	100 µA	250100DRDR \$56.70	250200DRDR \$53.55	.....
	500 µA	250100EMEM \$56.70	250200EMEM \$53.55	254200EMEM \$53.55
	1 mA	250100FAFA \$52.50	250200FAFA \$50.40	254200FAFA \$50.40
	10 mA	250100GZGZ \$52.50	250200GZGZ \$50.40	254200GZGZ \$50.40
	50 mA	250100HYHY \$52.50	250200HYHY \$50.40	254200HYHY \$50.40
	100 mA	250100JRJR \$52.50	250200JRJR \$50.40	254200JRJR \$50.40
	800 mA	250100KWKW \$52.50	250200KWKW \$50.40	254200KWKW \$50.40
	1 A	250100LALA \$56.70	250200LALA \$53.55	254200LALA \$53.55
	5 A	250100LSLS \$56.70	250200LSLS \$53.55	254200LSLS \$53.55
50 A	.....	.....	.....
AC AMMETERS AC MICROAMMETERS AND MILLIAMMETERS - RECTIFIER TYPE	500 µA	250110EMEM \$69.30	250210EMEM \$65.10	254210EMEM \$65.10
	1 mA	250110FAFA \$69.30	250210FAFA \$65.10	254210FAFA \$65.10
	20 mA	250110HFHF \$69.30	250210HFHF \$65.10	254210HFHF \$65.10
AC AMMETERS -SELF- CONTAINED, 25-400 Hz, IRON VANE, PIVOT AND JEWEL	SIZE	1 1/2	2 1/2	
	1 Amp	.....	250240LALA \$51.45	.....
	5 Amp	.....	250240LSLS \$51.45	.....
80 Amp	.....	.....	.....
AC VOLTMETERS AC VOLTMETERS - SELF- CONTAINED, IRON VANE TYPE, PIVOT AND JEWEL 60Hz	3 Volts	.....	250244LJLJ \$51.45	.....
	50 Volts	.....	250244NTNT \$51.45	.....
	600 Volts	.....	.....	.....

TABLE CONTINUED ON NEXT PAGE ...

Analog Panel Meters

SPECIFICATIONS SHEET (CONT.)

	SIZE	3 1/2 TAUT BAND		3 1/2 PIVOT AND JEWEL		4 1/2 TAUT BAND		4 1/2 PIVOT AND JEWEL	
DC VOLTMETERS DC VOLTMETERS - ZERO LEFT (ZERO CENTER AVAILABLE)	1.0 Volt	250320LALA	\$53.55	254320LALA	\$53.55	250420LALA	\$57.75	254420LALA	\$57.75
	10 Volt	250320MTMT	\$53.55	254320MTMT	\$53.55	250420MTMT	\$57.75	254420MTMT	\$57.75
	100 Volt	250320PKPK	\$53.55	254320PKPK	\$53.55	250420PKPK	\$57.75	254420PKPK	\$57.75
	600 Volt	250320SJSJ	\$53.55	254320SJSJ	\$53.55	250420SJSJ	\$57.75	254420SJSJ	\$57.75
DC AMMETERS DC MICROAMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE) DC MILLIAMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE) DC AMMETERS - ZERO LEFT (ZERO CENTER AVAILABLE)	20 µA	250300CFCF	\$54.60	.....		.....		.....
	100 µA	250300DRDR	\$54.60	.....		250400DRDR	\$57.75	.....
	500 µA	250300EMEM	\$54.60	254300EMEM	\$54.60	250400EMEM	\$57.75	254400EMEM	\$57.75
	1 mA	250300FAFA	\$51.45	254300FAFA	\$51.45	250400FAFA	\$54.60	254400FAFA	\$54.60
	10 mA	250300GZGZ	\$51.45	254300GZGZ	\$51.45	250400GZGZ	\$54.60	254400GZGZ	\$54.60
	50 mA	250300HYHY	\$51.45	254300HYHY	\$51.45	250400HYHY	\$54.60	254400HYHY	\$54.60
	100 mA	250300JRJR	\$51.45	254300JRJR	\$51.45	250400JRJR	\$54.60	254400JRJR	\$54.60
	800 mA	250300KWKW	\$51.45	254300KWKW	\$51.45	250400KWKW	\$54.60	254400KWKW	\$54.60
	1 A	250300LALA	\$54.60	254300LALA	\$54.60	250400LALA	\$57.75	254400LALA	\$57.75
	5 A	250300LSLS	\$54.60	254300LSLS	\$54.60	250400LSLS	\$57.75	254400LSLS	\$57.75
50 A	250300NTNT	\$54.60	254300NTNT	\$54.60	250400NTNT	\$57.75	254400NTNT	\$57.75	
AC AMMETERS AC MICROAMMETERS AND MILLIAMMETERS - RECTIFIER TYPE AC AMMETERS - SELF- CONTAINED, 25-400 Hz, IRON VANE, PIVOT AND JEWEL	500 µA	250310EMEM	\$67.20	254310EMEM	\$67.20	250410EMEM	\$69.30	254410EMEM	\$69.30
	1 mA	250310FAFA	\$67.20	254310FAFA	\$67.20	250410FAFA	\$69.30	254410FAFA	\$69.30
	20 mA	250310HFHF	\$67.20	254310HFHF	\$67.20	250410HFHF	\$69.30	254410HFHF	\$69.30
	SIZE	3 1/2		4 1/2					
1 Amp 5 Amp 80 Amp	250340LALA	\$56.70	250440LALA	\$60.90					
	250340LSLS	\$56.70	250440LSLS	\$60.90					
	250340PDPD	\$56.70	250440PDPD	\$60.90					
AC VOLTMETERS AC VOLTMETERS - SELF- CONTAINED, IRON VANE TYPE, PIVOT AND JEWEL 60Hz	3 Volts	250344LJLJ	\$54.60	250444LJLJ	\$58.80				
	50 Volts	250344NTNT	\$54.60	250444NTNT	\$58.80				
	600 Volts	250344SJSJ	\$59.85	250444SJSJ	\$65.10				
	SIZE	3 1/2		4 1/2					
	VOLTAGE	CENTER FREQUENCY HERTZ	SCALE HERTZ	1 1/2 CAT NO.		2 1/2 CAT NO.			
AC FREQUENCY AC FREQUENCY - PIVOT AND JEWEL, SELF-CONTAINED	120	60	55-65	.....		254250ANAN	\$110.25		
	208	60	55-65	.....		254250GNGN	\$115.50		
	240	60	55-65	.....		254250DNDN	\$115.50		
	SIZE	VOLTAGE	CENTER FREQUENCY HERTZ	SCALE HERTZ	3 1/2 CAT NO.		4 1/2 CAT NO.		
120	60	55-65	254350ANAN	\$113.40	254450ANAN	\$116.55			
208	60	55-65	254350GNGN	\$118.65	254450GNGN	\$121.80			
240	60	55-65	254350DNDN	\$118.65	254450DNDN	\$121.80			

Analog Switchboard Meters

Analog Switchboard Meters

FEATURES:

- Inputs: AC/DC A, V, Watts, Vars, Freq., PF etc.
- 180 edgewise: horizontal and/or vertical units
- UL recognized & 1% accuracy
- 4 1/4" metal or plastic
- 16 3/4" metal
- Hi shock units available



AC Current/Voltage

Self-contained, 40/70Hz

Rating (Amperes)	AB-40 Metal Case	Price
1	103131LALA	\$231.00
5	103131LSLS	\$231.00

AC Voltmeters

Self-contained, 40/70Hz

Rating (Volts.)	AB-40 Metal Case	Price
150	103021PZPZ	\$247.00
600	103021SJSJ	\$315.00

DC Voltmeters

Ammeters-Zero left

Rate & Scale (volts)	DB-40 Metal Case	Price
0-15	103011NDND	\$261.00
0-600	103011SJSJ	\$319.00

DC Ammeters Self-contained

DC Microammeter-Zero left

Scale and Rating	DB-40 Metal Case	Price
0-200	103111EAEA	\$315.00

DC Milliammeters-Zero left

Scale and Rating	DB-40 Metal Case	Price
0-1	103111FAFA	\$256.00
0-100	103111JRJR	\$256.00

DC Ammeters-Zero left

Scale and Rating	DB-40 Metal Case	Price
0-1	103111LALA	\$281.00
0-30	103111NLNL	\$281.00

DC Ammeters Shunt-Rated

Zero left for use with 50mV Shunts and 0.05-Ohm Shunt Leads

Rate (Millivolts)	DB-40 Metal Case	Price
50	103121CAND	\$247.00

Power-Factor Meters

3-Phase 3-& 4-wire, 50/60Hz balanced system only

Rate (Amp./Volts)	AB-40 Cat. No.	Price
5A/120V	103402FCAD	\$574.00

AC Varmeters

3-Phase 3-wire, 2-element, transformer-rated, 50/60Hz

Rate (Amp./Volts)	AB-40 Cat. No.	Price
5A/120V	10328 A	\$637.00

3-Phase 4-wire, 2 1/2-element, transformer-rated, 50/60Hz

Rate (Amp./Volts)	AB-40 Cat. No.	Price
5A/208V	10329 A	\$677.00

AC Wattmeters Non-Isolated

3-Phase 3-wire, 2-element, transformer-rated, 50/60Hz

Rate (Amp./Volts)	AB-40 Cat. No.	Price
5A/120V	10322 A	\$638.00

3-Phase 4-wire, 2 & 1-half element, transformer-rated

Rate (Amp./Volts)	AB-40 Cat. No.	Price
5A/120V	10325 A	\$678.00

Frequency Meters, 120V

Scale (Hz)	AB-40 Cat. No.	Price
45-55	103372AGAG	\$707.00
55-65	103372ANAN	\$707.00

Synchrosopes - Pivot & Jewel, 120V

Scale (Hz)	AB-40 Cat. No.	Price
"Slow-Fast"	106452AAAA (60Hz)	\$765.60

Temperature Indicators (Lead Resistance = 0.3 ohms)

Rating (Volts)	AB-40 Cat. No.	Price
120	103502CDAD	\$779.00

Digital Power Monitor - PR300 // Digital Panel Meter

PR300 Power & Energy Meter

Starting at **\$595.00**

STANDARD FEATURES:

- Input: Up to 600V AC, 5A AC
- Phase & Wire: 1P2W ~ 3P4W
- Communications: RS485 (Ethernet optional)
- 1 DI (additional DI/DO/AO & Pulse optional)
- Approvals: UL/CE
- Demand: Average current & power per specific period optional



ORDERING INFORMATION:

Phase & Wire:	3P3W / Universal	\$595.00
	3P4W / Universal	+\$90.00
	3P4W / 2.5 Element	+\$90.00
Rated Input:	120V, 240V, 480V, 1ACA	
	120V, 240V, 480V, 5ACA	
Inputs & Outputs:	1 Digital input	
	1 Digital input, 1 analog output	+\$30.00
	1 Digital input, 1 pulse output	+\$40.00
	1 Digital input, 1 analog output, 1 pulse output	+\$70.00
Communications:	RS-485	
	RS-485, Ethernet communications	+\$150.00
Measuring:	Demand measurement, 1 demand alarm output	+\$80.00
Power Supply:	100-240 Volts AC/DC+/- 10%	
Phase Indication:	A, B, and C Indicators	
	R, S, and T Indicators	

800 Plus Digital Panel Meter

Starting at **\$239.00**

FEATURES AND SPECIFICATIONS:

- 7 segment display
- Red and green color LED's
- .01% accuracy
- Nema 4 1/8 DIN case
- Inputs: AC/DC A, V, thermocouple, RTD, process inputs, strain gauge, load cell counters and timers.
- Power: Std. - 85-264 ACV, 90-370 DCV, 8-28ACV, 9-37 DCV
- Relay output options
- Opto-transistor
- Analog output options
- RS232 and RS485
- BCD output options



Dual-Vue (Analog & Digital) Switchboard Meter

Starting at **\$310.00**

FEATURES AND SPECIFICATIONS:

- Retrofit into existing switchboard cut-outs
- AD/DC Volts & Amps
- 120V power standard 240V optional
- 3.5 Digit, 7 segment LED with .56" high red, blue or green display
- Accuracy: (+/-1% Analog) & (+/-0.1% +/- 2 counts Digital)



2490 Series Plus Digital Switchboard Meter

Starting at **\$295.00**

FEATURES AND SPECIFICATIONS:

- Retrofit into existing switchboard cut-outs
- PT ratings up to 1250:1 & CT ratings up to 5000:1
- Single, Dual or Triple display
- Inputs: True RMS AC V/A, Hz, Watts, Vars, PF, PA
- Analog output
- RS485 - optional
- Auxiliary power: 24, 48, 125 VDC



2489 AC Power Transducers

Starting at **\$85.00**

FEATURES:

- Rugged metal cases
- UL recognized 0.2% accuracy
- Optional inputs, frequencies, outputs, and aux. power available
- 2370 series available in DIN rail-mounting configurations



AC CURRENT/VOLTAGE

TRMS/0-1mA out 120V Aux. Power	248931-380-AFA-1	\$205.00	248932-330-AFA-1	\$205.00
AVG./4-20mA out 120V Aux. Power	248921-380-AHD-1	\$85.00	248922-330-AHD-1	\$85.00

AC WATT/VAR

3P3W,4-20mA out(2 Elem)120V,5A,input power	248953-540-AHD-0	\$415.00	248963-540-AHF-0-M	\$425.00
3P4W,0-1mA out(2 1/2 Elem)120V/5A/input power	248954-540-AFA-0	\$425.00	248964-540-AFB-0-M	\$435.00

POWER FACTOR/PHASE ANGLE

3P4W balance +/-1mA out,120V,5A,input	248974-540-AFB-0-P	\$540.00	248978-540-AFB-0-P	\$420.00
3P4W balance 12+/-8mA out,120V,5A,input	248974-540-AHF-0-P	\$540.00	248978-540-AHF-0-P	\$420.00

FREQUENCY/DC TO DC ISOLATOR

0-50 mV~ 0-1 mA 246911-001-AHD-1	\$205.00	+/-2.0Hz Deviation 0-1mA out,120V,input	248983-320-AFA-0	\$460.00
0-1 mA~ 4-20 mA 246912-101-AHD-1	\$205.00	+/-2.0Hz Deviation 4-20mA out,120V,input	248983-320-AHD-0	\$460.00

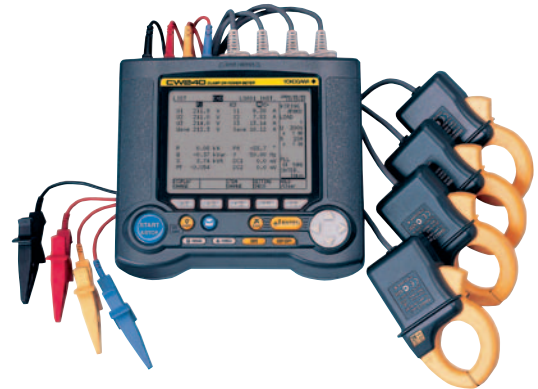
Portable Power Monitor CW240

Model CW240-D/DA/SP1 (3P4W)

\$2,500.00

FEATURES:

- Parameters: Volts, Amps, Watts, Vars, VA, PF, PA and Hertz
- Wiring: 1P 2W ~ 3P 4W 4i (Neutral Line Current)
- Waveform Measurement: Voltage and Current
- Record intervals: 1 Cycle ~ 0.5 sec, 1 sec ~ 30 sec, 1 min ~ 60 min
- 1 MB Internal Memory & Optional Flash Card (up to 512 MB)
- Demand Measurement: Maximum power and the time it occurs
- Two System Load Measurement: (1P2 W X2) (1P 3W X2) (3P 3W X2)
- Voltage/Current Ranges: 150/300/600/1000 Volts AC, 200.0 mA ~ 3000A
- Voltage Fluctuation Measurement: Dips, Swells & Instantaneous Power Failure
- Harmonic Measurement: Displays 1 ~ 50 order
- Leakage current Measurement: Optional 2 Amp clamp-on CT's
- Four channel analog outputs & two channel analog inputs
- RS232 & CD-ROM with "Tool Box Software" included



STANDARD ACCESSORIES:

- 97034: 256 MB Memory Card & Holder
- M1106RR-A: Card Reader
- 788011-M: UL/CSA Power Cord
- 91007: Four (4) Voltage Probes
- Two (2) Analog In & Four (4) Analog Out
- 94004: NiMH Battery Pack & (6) AA Alkaline Batteries
- 93020: Carrying Case
- B9017VD: 9 Pin RS232 cable & "Tool Box Software"
- Users Manual, Quick Manual & Communication Manual –hard copy & CD

CLAMP-ON PROBE OPTIONS: PLEASE SELECT YOUR REQUIREMENTS:

	20/200A	500A	700A	50A	2A	3000A	3000A(F)
2 pcs	/C1 \$462	/C3 \$534	/C5 \$625	/C7 \$441	/C9 \$575	/C11 \$750	/C13 \$900
4 pcs	/C2 \$924	/C4 \$1,086	/C6 \$1,250	/C8 \$882	/C10 \$1,150	/C12 \$1,500	/C14 \$1,800

*** 4-pc clamp sets required for two system load measurement ***

Portable Power Monitor CW121

Model CW121-D-1/SP1

\$1,900.00

FEATURES:

- Portable 3-Phase 4-Wire Power Monitor
- Measurement Parameters: V, A, W, VAR, PF, Hz & WH
- Record Intervals: Setable from 1~30 s, 1~30 min & 1 hr
- Flash Memory: Compatible 128MB CF (compact flash) memory card
- Compact Design: Size = 4.6" x 6.3" x 2" & Weight: = 1.3lbs
- External I/O: One of three options for start/stop (WH) measurement
- Data Accumulation: Stores up to 24 hours of data in one second intervals
- Wiring Error Check Function: To ensure measurement operations don't fail
- Display: Large Backlit LCD
- Communications: RS-232 Standard or optional RS-485 available
- UL: Approved



STANDARD ACCESSORIES:

- 91007: Four Voltage probes
- A1022UP: AC Power adapter
- 98030: Power supply cable (supplies instrument power from the measurement circuit)
- 93022: Carrying case for instrument and accessories
- 93023: Main Unit Case (magnetic backing)
- AP140E Software: Parameter setting & run time software for PC
- 97033: 128 MB CF (compact flash) memory card. PT# M1106RR-A= card, card adaptor and reader
- 91011: RS232 communications cable (9 Pin)

OPTIONS: PLEASE SELECT YOUR REQUIREMENTS:

• /C2: Clamp On Probe 20/200A (3 pc set)	\$724.00
• /C4: Clamp On Probe 500A (3 pc set).....	\$797.00
• /C6: Clamp On Probe 700A (3 pc set).....	\$908.00
• /C8: Clamp On Probe 50A (3 pc set).....	\$651.00
• 96035: Clamp On Probe 3000A (Flex. Type -1 pc)	\$545.00
• 91009: RS232 Communication Cable (25 Pin)	\$63.00
• -2: RS485 Communications.....	\$62.00

MY40-01 Insulation Tester (includes carrying case)

\$625.00

FEATURES:

- Four Voltage/Resistance Ratings:
125V/200MΩ 250V/200MΩ 500V/2000MΩ 1000V/2000MΩ
- Comparator Function: Low symbol & buzzer activates if the measured value is smaller than the reference value. Up to three user-defined reference values assignable to each rating
- Memory Function: Save up to twenty measurements per rating
- Automatic Discharge Function: Automatically begins discharging when the MEAS switch is turned to the off position - view bar graph to monitor progress of discharge
- High-Voltage Indicators: High-voltage symbol and LED lamp activate when MY40 is in insulation testing mode or if any voltage remains to be discharged
- Live-Line Alarm: AC voltage > 40V across the input terminals will activate the alarm
- Over Range Input Alarm: If the voltage being measured > 600 VAC the alarm will activate
- Auto-Hold Function: Retains measured resistance 5 seconds after MEAS switch is turned off
- Ten Year Limited Warranty



STANDARD ACCESSORIES:

- 93015: Carrying Case
- 93013: Protection Cover
- 99005: Shoulder Strap
- 98001: Line Probe
- 98002: Earth Probe
- Four AA Batteries

2404 Hand Crank Insulation Tester

FEATURES:


- Easy-to-read black indicator scale with white color graduations and marks
- Shock and heat-resistant ABS case, light weight and compact size
- Guard terminal in all models
- Includes carrying case and test leads
- See below for voltage and resistance options



240413	240414	240415	240416	240422 (3-Range Model)
500V/100MΩ	500V/1000MΩ	1000V/2000MΩ	2000V/5000MΩ	250V/500MΩ, 500V/1000MΩ, 1000V/2000MΩ
\$279.00	\$419.00	\$440.00	\$461.00	\$576.00

Insulation Testers

COMPARISON CHART

Type	Series/Model	Suffix Code & Backlight	Rating	AC Test Voltage Range	Display	Additional Function	External View	
Digital Insulation Testers	4 ranges	MY40 CE	01 (EL-illuminated)	125V/200MΩ 250V/200MΩ 500V/2000MΩ 1000V/2000MΩ	0-600V	3 1/2-digit LCD	Automatic discharge Conductor resistance measurement Comparator function Memory function	
			Single & 2 ranges	2406D CE	51 (N/A)				125V/200MΩ	0-300V	3 1/2-digit LCD	Automatic discharge
	61 (LED-illuminated)	250V/200MΩ						
	52 (N/A)	125V/200MΩ			0-300V			
	62 (LED-illuminated)							
	53 (N/A)	250V/200MΩ			0-300V			
	63 (LED-illuminated)							
	54 (N/A)	500V/200MΩ			0-600V			
	64 (LED-illuminated)							
	55 (N/A)	1000V/2000MΩ	0-600V					
65 (LED-illuminated)								
Analog Insulation Testers	2 & 3 ranges	2406E CE	31 (N/A)	25V/5MΩ	0-300V	Analog	Automatic discharge Battery Check	
			41 (EL-illuminated)	50V/10MΩ 125V/20MΩ				
			32 (N/A)	125V/20MΩ	0-300V			
			42 (EL-illuminated)	250V/50MΩ				
			33 (N/A)	125V/20MΩ	0-600V			
			43 (EL-illuminated)	250V/50MΩ 500V/100MΩ				
			34 (N/A)	250V/50MΩ	0-600V			
			44 (EL-illuminated)	500V/100MΩ 1000V/2000MΩ				
			35 (N/A)	250V/500MΩ	0-600V			
			45 (EL-illuminated)	500V/1000MΩ 1000V/2000MΩ				
	Single range	MY10 CE	01 (afterglow-illuminated)	125V/20MΩ	0-250V	Analog	Automatic discharge Battery Check	
			02 (afterglow-illuminated)	250V/50MΩ	0-300V			
			03 (afterglow-illuminated)	500V/100MΩ	0-500V			
			04 (afterglow-illuminated)	500V/1000MΩ	0-500V			
			05 (afterglow-illuminated)	1000V/2000MΩ	0-500V			
	Single range	3213A	41 (N/A)	100V/20MΩ	0-150V	Analog	Battery Check	
			42 (N/A)	250V/50MΩ	0-250V			
			43 (N/A)	500V/100MΩ	0-300V			
			44 (N/A)	500V/1000MΩ	0-300V			
			45 (N/A)	1000V/2000MΩ	0-300V			

\$625

\$314

\$377

\$419

\$366

\$419

\$366

\$419

\$419

\$524

\$419

\$524

\$293

\$272

\$314

\$419

CL235 Clamp-On Tester

\$399.00

FEATURES:

- AC/DC current measurements with current ranges up to 600A for AC and 1000A for DC; True RMS display
- Max. conductor diameter 33mm
- AC/DC voltage, resistance and frequency measurements
- Sleep function, data hold function
- Approved for conformity to safety standards EN61010-1, EN61010-2-031, EN61010-2-032 (CAT. III 600 V)
- 10-Year Limited Warranty



CL220 Clamp-On Tester (miniature)

\$230.00

FEATURES:

- Pocket Clamp measuring only 2.4"(W) x 6" (H) and weighing only 3.5 oz
- AC/DC current measurements with current ranges up to 300A
- Light weight and compact design
- Max. conductor diameter 24mm
- Mean value display
- Sleep function
- Approved for conformity to safety standards EN61010-1, EN61010-2-032 (CAT. III 300 V)



CL120 Clamp-On Tester (miniature)

\$83.00

FEATURES:

- 2"(W) x 6" (H) x 1" (D)
- Exclusive model for AC current measurement with current ranges up to 200A
- Light weight & compact design
- Mean value display
- Max. conductor diameter 24mm
- Data hold function
- Approved for conformity to safety standards EN61010-1, EN61010-2-032 (CAT. III 300 V)



AC/DC CURRENT CLAMP-ON

SPECIFICATIONS SHEET

■ For AC Current

Model	CL120	CL130	CL135	CL150	CL155	
Diameter of measurable conductor	ø24mm	ø30mm	ø30mm	ø54mm	ø54mm	
Display	1999	1999	1999	3999	3999	
DC current	Range	-	-	-	-	
	Resolution	-	-	-	-	
AC current	Range	20/200A	200/600A	200/600A	400/2000A	
	Resolution	0.01A	0.1A	0.1A	0.1A	
	Frequency characteristics	40~1kHz	40~1kHz	40~1kHz	40~1kHz	40~1kHz
	Method of detection	Mean value	Mean value	True RMS	Mean value	True RMS
Other measurement	AC voltage	-	○	○	○	
	DC voltage	-	-	-	○	
	Continuity check	-	○	○	○	
	Frequency	-	-	-	-	
	Temperature	-	-	-	-	
Other functions	Recorder output	-	-	-	○	
	Waveform monitor output	-	-	-	-	
	Data hold	○	○	○	○	
	Auto hold . .	-	-	-	-	
	Peak hold . .	-	-	-	○	
	maximum value memory . .	-	-	-	-	
	Mean value display	-	-	-	-	
	Filter	-	-	-	-	
	Range hold (current range)	○	○	○	○(current range)	
	Auto ZERO adjust . .	-	-	-	-	
	Auto power-off	○	-	-	
		\$83.00	\$135.00	\$230.00	\$209.00	\$314.00

. . . . = Sleep Function (Power-Down)

■ For AC/DC Currents

Model	CL220	CL235	CL250	CL255	
Diameter of measurable conductor	ø24mm	ø33mm	ø55mm	ø55mm	
Display	3999	3999	3999	3999	
DC current	Range	40/300A	400/1000A	400/2000A	
	Resolution	0.01A	0.1A	0.1A	0.1A
AC current	Range	40/300A	400/600A	400/2000A	
	Resolution	0.01A	0.1A	0.1A	
	Frequency characteristics	20~1kHz	40~1kHz	40~1kHz	30~1kHz
	Method of detection	Mean value	True RMS	Mean value	True RMS
Other measurement	AC voltage	-	○	○	
	DC voltage	-	○	○	
	Continuity check	-	○	○	
	Frequency	-	○	-	
	Temperature	-	-	-	
Other functions	Recorder output	-	-	○	
	Waveform monitor output	-	-	-	
	Data hold	○	○	○	
	Auto hold . .	-	-	-	
	Peak hold . .	-	○	-	
	maximum value memory . .	-	-	○	
	Mean value display	-	○	-	
	Filter	-	-	-	
	Range hold (current range)	-	-	○(current range)	
	Auto ZERO adjust . .	○	○	○	
	Auto power-off	. .	. .	. .
		\$230.00	\$399.00	\$399.00	\$399.00

. . . . = Sleep Function (Power-Down)

73303 Digital Multimeter

\$210.00

FEATURES:

- Safety shutters: prevent erroneous insertion of test leads into current measuring terminals
- Selectable AC voltage measurement between RMS and mean value
- Elastomer case material for impact absorption
- Auto hold function
- Accuracy 0.3%



73402 Digital Multimeter

\$399.00

FEATURES:

- Safety shutters: prevent erroneous insertion of test leads into current measuring terminals
- High Accuracy: .02%
- High Resolution: 50,000 Count with 51 segment bar graph (Backlit display)
- High Speed: 3.3 times a second sampling (50/60 Hz)
- Measures: AC/DC Voltage 1kV, AC/DC Amps 10A, Resistance 50k MΩ, Continuity 500Ω, Diode, Temperature & Capacitance 50.00mF
- Auto Data Logging & User Memory, Real Time Data Transfer, Direct Output to Printer
- Includes one set of test leads, two AA dry cell batteries
- Compact, Light weight with “Elastomer” Protection
- Auto Hold, Peak Hold
- True RMS AC + DC
- 100 kHz Frequency Response
- 120 Hour Battery Life
- Ten Year Limited Warranty













OPTIONAL ACCESSORIES:

- B9646HH: Carrying Case **\$37.00**
- Temperature Probe (3.2 mm, 200 mm length): 90050 –For Liquids: -50° ~ 600° C **\$74.00**
- Temperature Probe (1.6 mm, 150 mm length): 90051 –For Liquids: -50° ~ 600° C **\$84.00**
- Temperature Probe: 90055 –For Surfaces: -20°~250° C **\$147.00**
- Temperature Probe: 90056 –For Surfaces: -20°~500° C **\$199.00**
- 92010-E/P: RS-232 Cable + Software + 97010 Printer Cable **\$158.00**
- 97010: Printer **\$734.00**
- 94007: AC adapter for printer **\$121.00**
- 97080: Thermal printing paper for printer **\$83.00**

Digital Multimeters

COMPARISON CHART

Model	Type	Display			Measurement Items										Additional Functions															
		Max. Value	Dual	Bar Graph	Back-lit	AC RMS	Voltage	AC + DC	Current	AC + DC A	Resistance	Continuity Check	Diode Test	Frequency	Temperature	Capacitance	Communication	Data Memory	Max./Min. Value Memory	Relative Value Memory	Logarithm Computation	Data Hold	Auto Hold	Peak Hold	Overvoltage Input Warning	Comparator	Auto Power Off	External View		
73401	50000	\$368	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
73402		\$399	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
73301	4000	\$168	●			●		●	●	●	●	●						●	●	●	●	●	●	●	●	●	●	●		
73302		\$189	●			●		●	●	●	●	●							●	●	●	●	●	●	●	●	●	●		
73303		\$210	●			●		●	●	●	●	●							●	●	●	●	●	●	●	●	●	●	●	
73201	4300	\$126				●		●	●	●	●									●		○	●	●	●	●	●	●		
73202		\$136				●		●	●	●	●	●								●		○	●	●	●	●	●	●		
73203		\$147				●		●	●	●	●	●	●							●		○	●	●	●	●	●	●	●	
73204		\$114				●			●	●	●									●		○	●	●	●	●	●	●	●	
73101	4300	\$51				●			●	●	●								●				●	●	●	●	●	●		

○ Also functions as excessive current input warning

Precision Measuring Instruments

Precision Bridges **Model**

Precision wheatstone bridge	2768
Portable wheatstone bridge	2755
Portable double bridge	2769
Precision double bridge	2752



Decade boxes **Model**

Decade resistance box	2793
Decade resistance box	2786



Standard resistors **Model**

High precision std. resistor	2781
Standard resistor	2794
Standard resistor	2792A



Portables **Model**

DC ammeters/voltmeters	2011, 2012
AC ammeters/voltmeters	2013, 2014
Hi frequency AC amps/volts	2016, 2017
Frequency meter	2038
Power factor meter	2039
Wattmeters	2041, 2042



DC potentiometers **Model**

Precision DC potentiometer	2722
Precision DC potentiometer	2723



Galvanometers **Model**

Electronic galvanometer	2707
Galvanometer	2708



Portable Data Logger - XL101

Portable Data Station XL101

Starting at **\$2,595.00**

FEATURES:

- 8 or 16 input channels
- 16 MB internal memory
- External storage: CF/SD card
- Inputs: DCV, TC & RTD
- Record Intervals: 100ms ~ 1 hour
- 3.5" TFT color LCD (320X240 pixels)
- Trend/bar graphs in 16 colors
- Ethernet with web server
- RS-232/485 with Modbus
- Configure up to 4 display groups in digital, bar graph or waveform format
- Alarm summaries, log displays, review functions can be retained/displayed



OPTION ACCESSORIES:

- #94009 Rechargeable lithium battery (fully charged operates up to 8 hours)**\$205.00**
- #93037 Carrying Case – Stores all accessories.....**\$230.00**
- #91029 Digital I/O Cable - Pulse/Logic inputs or alarm outputs.....**\$115.00**
- #90060 Type K thermocouple – 4 Sets (5m length)**\$495.00**

Name	Model	Suffix Code	Specification	Price
Portable data station	XL101		8ch, with push-in type terminal block unit	\$2,595
	XL102		16ch, with push-in type terminal block unit	\$3,195
	XL104		16ch, with M3 screws type terminal block unit	\$3,195
		-D	Power cord (UL/CSA standard)	N/C
		-F	Power cord (VDE standard)	N/C
		-H	Power cord (GB standard)	N/C
		-R	Power cord (SAA standard)	N/C
		-S	Power cord (BS standard)	N/C

Model CA71/SP1

\$1,675.00

FEATURES:

- Simultaneous Source/Measure: DC V, A, RTD, TC, Pulse
- RS232 Communications: Optically isolated interface
- Divided Output (n/m) Function: Eliminates need to calculate for %
- Auto Step Function: Changes output value in step form
- Memory Function: Generated & Measured values can be stored/extracted
- NIST Traceable Certificate, Ten Year Limited Warranty

STANDARD ACCESSORIES:

- 91017: RS232 (9 Pin) Comm. cable
- Software: Data logging software for PC
- A1022UP: 120 V AC Power Supply
- 98020: Source Cables
- RD031: Measurement Lead Cables



- B9108XA: Case For Lead Cables, RJC Sensor etc.
- M1202HJ-A: Instrument Case with magnetic back
- 93016: Carrying Case
- 99021: Terminal Adapter: Used For Temp. Meas.
- A1501EF: Fuse

Model CA150

\$1,900.00

FEATURES:

- Will calibrate Smart (Digital) transmitters - YTA
- Highly Accuracy: 0.02% of DC Voltage
- Simultaneous Source/Measure: DC V, A, RTD, TC, Pulse
- Loop Power Supply: 24DCV / Max 22ma
- Memory: 22 Settings, 100 Data Items
- Sweep Functions: Step, Linear, Program

STANDARD ACCESSORIES:

- 98020 & RD031: Lead cables for source and measure
- 93026: Carrying case
- 99022: Terminal adapter

CA150/SP1 WITH OPTIONAL ACCESSORIES:

\$2,200.00

- 94010-D: AC Adapter
- 94015: NiMH battery
- 93027: Main body case with strap



CA150 / CA71 Handheld Calibrator Specifications Comparison

MODEL	CA150				CA71		
	FUNCTION	RANGE	DISPLAY RANGE	BASIC ACCURACY	DISPLAY RANGE	BASIC ACCURACY	
DCV	100mV		±110.000mV	±(0.02%+10uV)	-10 to 110.00mV	±(0.02%+15uV)	
	1V		±1.10000V	±(0.02%+0.05mV)	0 to 1.1000V	±(0.02%+0.1mV)	
	10V		±11.0000V	±(0.02%+0.5mV)	0 to 11.000V	±(0.02%+1mV)	
	30V		±30.00V	±(0.02%+10mV)	±30.00V	±(0.02%+10mV)	
DCA	20mA		22.000mA	±(0.025%+6uA)	24.000mA	±(0.025%+3uA)	
	4-20mA		N/A	N/A	4/8/12/16/20mA	±(0.025%+3uA)	
	SINK		-22.000mA	±(0.025%+6uA)	0.1 to 24.000mA	±(0.025%+3uA)	
Ω	400Ω		N/A	N/A	0 to 400.00Ω	±(0.025%+0.1Ω)	
S	500Ω		0 to 550.00Ω	±(0.02%+0.1Ω)	0 to 550.00Ω	±(0.02%+0.02%)	
	5kΩ		0 to 5.5000kΩ	±(0.05%+1.5Ω)	0 to 5.5000kΩ	±(0.05%+0.03%)	
	50kΩ		0 to 55.000kΩ	±(0.1%+50Ω)	0 to 55.000kΩ	±(0.1%+0.1%)	
	RTD	PT100		-200.0 to 850.0°C	(0.025%+0.3°C)	-200.0 to 850.0°C	(0.025%+0.3°C)
	JPT100		-200.0 to 500.0°C	(0.025%+0.3°C)	-200.0 to 500.0°C	(0.025%+0.3°C)	
U	TC	K		-200.0 to 1372.0°C	±(0.02%+0.5°C)	-200.0 to 1372.0°C	±(0.02%+0.5°C)
		E		-200.0 to 1000.0°C	±(0.02%+0.4°C)	-200.0 to 1000.0°C	±(0.02%+0.5°C)
		J		-200.0 to 1200.0°C	±(0.02%+0.5°C)	-200.0 to 1200.0°C	±(0.02%+0.5°C)
		T		-200.0 to 400.0°C	±(0.02%+0.5°C)	-200.0 to 400.0°C	±(0.02%+0.5°C)
		N		-200.0 to 1300.0°C	±(0.02%+0.5°C)	-200.0 to 1300.0°C	±(0.02%+0.5°C)
		L		-200.0 to 900.0°C	±(0.02%+0.4°C)	-200.0 to 900.0°C	±(0.02%+0.5°C)
		U		-200.0 to 400.0°C	±(0.02%+0.5°C)	-200.0 to 400.0°C	±(0.02%+0.5°C)
		R		0 to 1768°C	±(0.02%+1.2°C)	0 to 1768°C	±(0.02%+2.5°C)
		S		0 to 1768°C	±(0.02%+1.2°C)	0 to 1768°C	±(0.02%+2.0°C)
R	PULSE			1.00 to 110.00Hz	±0.05Hz	N/A	N/A
				N/A	N/A	1.0 to 500.0Hz	±0.2Hz
				90.0 to 1100.0Hz	±0.5Hz	90 to 1100Hz	±1Hz
				0.9 to 11.0kHz	±0.1kHz	0.9 to 11.0kHz	±0.1kHz
				9 to 50KHz	±1kHz	N/A	N/A
				1.0 to 1100.0CPM	±0.5CPM	N/A	N/A
			Pulse Cycle		N/A	N/A	1-99,999Hz	N/A

CA150 / CA71 Handheld Calibrator Specifications Comparison (cont.)

MODEL	CA150				CA71	
	FUNCTION	RANGE	DISPLAY RANGE	BASIC ACCURACY	DISPLAY RANGE	BASIC ACCURACY
M E A S U R E M E N T	DCV	100mV	N/A	N/A	0-±110.00mV	±(0.025%+20µV)
		500mV	±600.00mV	±(0.02%+50µV)	N/A	N/A
		1V	N/A	N/A	0-±1.1000V	±(0.025%+0.2mV)
		5V	±6.0000V	±(0.02%+0.5mV)	N/A	N/A
		10V	N/A	N/A	0-±11.000V	±(0.025%+2mV)
		35V	±42.000V	±(0.025%+5mV)	±41.999V	±(0.025%+0.015%)
		100V	N/A	N/A	0-±110.00V	±(0.05%+20mV)
	DCA	20mA	±24.000mA	±(0.025%+4µA)	±24.000mA	±(0.025%+4µA)
		100mA	±120.00mA	±(0.04%+30µA)	±120.00mA	±(0.04%+30µA)
	Ω	400Ω	N/A	N/A	0 to 400.00Ω	±(0.05%+0.1Ω)
		500Ω	0 to 600.00Ω	±(0.05%+0.075Ω)	N/A	N/A
		5kΩ	0 to 6.0000kΩ	±(0.055%+0.75Ω)	N/A	N/A
		50kΩ	0 to 60.000kΩ	±(0.055%+10Ω)	N/A	N/A
	RTD	PT100	-200.0 to 850.0°C	±(0.05%+0.6°C)	-200.0 to 850.0°C	±(0.05%+0.6°C)
		JPT100	-200.0 to 500.0°C	±(0.05%+0.6°C)	-200.0 to 500.0°C	±(0.05%+0.6°C)
	TC	K	-200.0 to 1372.0°C	More than ±(0.05%+1.5°C)/-100°C Less than ±(0.05%+2°C)/-100°C	-200.0 to 1372.0°C	More than ±(0.05%+1.5°C)/-100°C Less than ±(0.05%+2°C)/-100°C
		E	-200.0 to 1000.0°C		-200.0 to 1000.0°C	
		J	-200.0 to 1200.0°C		-200.0 to 1200.0°C	
		T	-200.0 to 400.0°C		-200.0 to 400.0°C	
		N	-200.0 to 1300.0°C		-200.0 to 1300.0°C	
L		-200.0 to 900.0°C	-200.0 to 900.0°C			
U		-200.0 to 400.0°C	-200.0 to 400.0°C			
R		0 to 1768°C	More than ±(0.05%+2°C)/100°C Less than ±(0.05%+3°C)/100°C	0 to 1768°C	More than ±(0.05%+2°C)/100°C Less than ±(0.05%+3°C)/100°C	
S	0 to 1768°C	0 to 1768°C				
B	600 to 1820°C		600 to 1800°C			
PULSE	100Hz	1.00 to 110.00Hz	±2 dgt	1.00 to 100.00Hz	±2 dgt	
	1000Hz	1.0 to 1100.0Hz		1.0 to 1000.0Hz		
	10kHz	0.001 to 11.000kHz		0.001 to 11.000kHz		
	CPM	0 to 100000CPM		0 to 99,999CPM		
	CPH	0 to 100000CPH		0 to 99,999CPH		
Loop Power Supply						
Loop Power Supply*1	DC24V	*2 Use measurement terminal	(Max Load: Less than 22mA)		DC24V	(Max Load: Less than 22mA)

Yokogawa HART Pressure Calibrator (YPC)

YPC4010 Modular Calibrator with HART Communications

\$2,794.00

FEATURES:

- All HART field devices can be configured, polled, and trimmed using HART communications
- Device specific commands for more than 200 supported devices are included
- Users can view up to 4 measurements simultaneously on the high resolution LCD or compare HART PV and AO values to corresponding values measured by the NIST traceable calibration
- NIST traceable
- Three available sensor bays accept differential, gauge, vacuum & absolute pressure modules as well as temperature & frequency modules
- A voltage and current meter is integral to the base unit

STANDARD ACCESSORIES:

- Plastic Carrying Case
- Test Lead Kit
- Batteries
- HART leads kit

OPTIONAL ACCESSORIES:

- Pressure Accessory Kit, Model A37127
Pressure pump (B34686) and low pressure connection kit (P/N A34386) **\$281**
- Vacuum Accessory Kit, Model A37128
Vacuum pump (B34700) and low pressure connection kit (P/N A34386)..... **\$281**
- Carrying Case, Model A36749
Soft case w/shoulder strap for YPC & modules, test lead kit, hand pump & fittings **\$75**
- Repair Parts Kit, Model A34744-1
Pressure pump repair parts kit **\$75**
- Equalizing Manifold, Model A36853
Push to read equalizing manifold for DP modules, brass, 1/8" FNPT connections **\$126**



Yokogawa HART Pressure Calibrator (YPC) // YHC4100

YPC4010 Calibrator Sensor Modules

0-20 PSIG	0-200 PSIG	0-500 PSIG	0-1000 PSIG	
DGI0020-01-1 ¹	DGI0200-01-1 ¹	DGI0500-01-1 ¹	DGI1000-01-1 ¹	
\$725	\$725	\$725	\$725	
0-20 PSIG	0-200 PSIG	0-500 PSIG	0-1000 PSIG	
DGI0020-01-1 ¹	DGI0200-01-1 ¹	DGI0500-01-1 ¹	DGI1000-01-1 ¹	
\$725	\$725	\$725	\$725	
1-10" H ₂ O	0-20" H ₂ O	0-100" H ₂ O	0-200" H ₂ O	0-400" H ₂ O
FDN0010-01-1 ³	FDN0020-01-1 ³	DDN0100-01-1 ¹	DDN0200-01-1 ¹	DDN0400-01-1 ¹
\$755	\$755	\$655	\$655	\$655
0-2000" H ₂ O	0-900 mmHg	0-2000 mmHg	0-5200 mmHg	
DDN2000-01-1 ¹	DAI0900-01-1 ¹	DAI2000-01-1 ¹	DAI5200-01-1 ¹	
\$655	\$725	\$725	\$725	
T/C	V/mA	RTD		
TIO0110-01-1 ⁴	VMA0055-01-1 ⁵	RIO4000-01-1 ⁶		
\$749	\$760	\$1,008		

- 1) +/- 0.025% accuracy FS from 23° – 122° F
- 2) +/- 0.05% accuracy FS from 23° – 122° F
- 3) +/- 0.1% accuracy FS from 23° – 122° F
- 4) Measure and simulate Types B, C, E, J, K, N, R, S, T, M, P. Includes P/N A37062 Standard T/C Connector/Wire Kit
- 5) Measure +/- 55 VDC, source 0-28 VDC; measure/source +/- 100 mA DC, includes p/n A900529-00015 VMA Test Lead Kit
- 6) Measure and simulate 22 different RTDs; includes p/n A37063 Special Module Connectors

YHC4100 HART Communicator

\$2,995.00

FEATURES:

- HART Communicator
- Includes CE Mark, HART leads kit, Batteries, Universal Power Adapter, RS-232 Serial Cable and Paper User's Manual
- 13-line, 128 x 128 pixel graphic, backlit display
- Full alpha-numeric keypad
- Update new device profiles and firmware via the Internet; YHC4100 is never out of your hands
- Dedicated memory for 600 HART device profiles
- Document and store more than 200 configurations
- Edit directly from Review/Edit mode
- Programmable lock-out settings
- Elastic hand strap and adjustable, detachable strap
- Thumb keys (left hand) for menu Up, Down, and Select
- Custom "use-in-place" soft case with lead kit compartment



CA11E/12E Single Function Calibrator

COMMON FEATURES:

- 1 carrying case or
- 2 rubber boot (improved shock resistance and hardness), strap, accessory case are included (add \$40.00)

CA11E Voltage/Current Calibrator

\$750.00

FEATURES:

- Loop check function 24DCV power supply
- Resolution is 0.001mA at current range at 24.000 mA
- Signal source and measurement functions
- Generates and measures up to 30 VDC
- Generates and measures up to 24 mADC
- Step functions
- AC adapter option available



CA12E Temperature Calibrator

\$750.00

FEATURES:

- Additional S/B/L/U thermocouples
- Source/measure 10 types of thermocouples
- Signal source and measurement functions
- Three-wire RTD connection for RTD operation
- Built-in sensor for reference junction compensation
- Automatic power-off
- AC adapter option available



EXPLOSION PROOF – FM APPROVED

MLD Digital Loop Indicator

Starting at **\$265.00**

FEATURES:

- Designed to meet FM standards for use in hazardous locations
- Enclosed in a NEMA 4X case
- Standard display is 0-100.0%; engineering units available as well
- Accuracy: $\pm 0.05\%$ of full scale
- Inputs: 4-20 mA DC



MLA Analog Loop Indicator

Starting at **\$200.00**

FEATURES:

- Designed to meet FM standards for use in hazardous locations
- Enclosed in a NEMA 4X case
- Black background, white numerals and letters
- Standard 50-division display, 0-100%; engineering units available
- Accuracy: $\pm 1.5\%$ of full scale
- Inputs: 4-20DCmA, 10-50DCmA, 1-5DCV



Product Warranties

Product Warranties

Model	Series	Warranty Period (Years)			
		(1)	(2)	(3)	(10)
Analog Panel Meters: 2%	250-260	X			
Analog Power Transducer	2469-2489-2371	X			
Analog Switchboard Meters: 1%	101-102-103-106-120-121	X			
Calibrators	CA71				X
Calibrators	CA150 Multifunction	X			
Calibrators	YPC Pressure/HART	X			
Clamp-On Testers	CL235, CL250, CL255				X
Clamp-On Testers	All others	X			
Communicators	YHC HART	X			
DC Precision Measuring Inst.	2700 Series	X			
Digital Multimeters	73401 & 73402				X
Digital Multimeters	All others	X			
Digital Panel Meters	800+	X			
Digital Power Meters	PR300 & 2490 Series	X			
Digital Thermometers	TX & TM Series	X			
Insulation Testers	MY40				X
Insulation Testers	All others	X			
Loop Powered Indicator	MLA/MLD	X			
Portable Data Logger	XL101		X		
Portable Standards	2000 Series	X			
Power Monitors	CW120, 121, 240	X			

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER LIABILITY OR WARRANTIES ON THE PART OF YOKOGAWA. ALL OTHER WARRANTIES ARE EXPRESSLY EXCLUDED AND DISCLAIMED. YOKOGAWA SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE. TO ACTIVATE THIS WARRANTY PLEASE REGISTER ON LINE @ www.yokogawa.com/us/mi WITHIN TEN DAYS OF PURCHASE.

Warranty Defined

- Instrument will be free from defects in material and workmanship for the entire warranty period.
- Yokogawa will repair or replace a defective product during the warranty period.
- Should the instrument model be discontinued during the warranty period Yokogawa will replace the defective product with a current instrument that as closely as possible matches the same specification.

What the Warranty Does Not Cover:

- 1) Batteries 2) Abuse 3) Normal Wear 4) Fuses 5) Usage outside of specifications

Warranty is intended for original purchaser only and is not transferable or assignable.

Email – info@us.yokogawa.com

Web – www.yokogawa.com/us/mi

Fax – 770-251-2088

Phone – 800-888-6400 or 770-254-0400

A Commitment to Innovation

Since our establishment in the United States in 1957, Yokogawa Corporation of America (YCA) has become a leading North American manufacturer and supplier of Test and Measurement, Field Instrumentation (Flow, Pressure and Analytical Products), Process Control Equipment, Information Products.

Headquartered just south of Atlanta, Georgia, YCA has sales offices across the United States. Our commitment to our customers is our number one priority, and we back it up with a network of representatives and distributors that reflect this commitment. Our 132 manufacturing and service locations give us a presence on every major continent, which means we have the global resources to support all your application needs.

Our parent company, Yokogawa Electric Corporation, is dedicated to developing the most advanced control and instrumentation products and systems in the world. As a major global player, the company anticipates the needs of the times, continually tackling new challenges and exploring new markets in order to provide the best solutions in the world.

Yokogawa's commitment to innovation is reflected in our extraordinary investments in R&D, which ensure development of the most advanced products and services. As a result, we have secured more than 4,500 patents and registrations, representing a number of important innovations, including the world's first distributed control system and the first digital sensors for flow and pressure measurement.

YOKOGAWA 

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