Current Clamps - continued

Digital Power Clamps
AC/DC 2000A

LEM

H=52, W=98, L=300

The Analyst combines the functionality of a power meter oscilloscope and data logger in a single hand instrument.

CALIBRATION SERVICES

- True RMS, Peak, Crest Factor, THD, Frequency for voltage and current
- 3 phase power measurement for balanced loads
- Rotary switch selection for main measurement functions
- High resolution backlit display shows up to 5 parameters, waveforms and data logging tends
- Autoranging and auto zeroing
- 8 data set memory, min, max, average recording
- Conforms to **IEC1010-1 600V Cat IV**
- Internal data logging of up to 5 parameters and optional PC software for further data harmonics analysis

Ranges

Max conductor	60mm∅
Measurement models	AC/DC, AC + DC
Current range	40/400/2000A
Voltage range	4/40/400/600V
kW/kVA/kVR ranges	4/40/400/1200
kWHr	4/40/400/4000
Frequency	20Hz - 1kHz

T408/222509

	Order Code	Price Each 1+	+	+
Analyst 2050	**100-262**	47,698.00	– –	– –
WinLog Software	**100-316**	10,441.00	– –	– –
Standard Calibration Charge		S C 20	☎	

Calibrators

Loop Calibrator
Fluke 707

FLUKE

Ex

LATEST PRICING

The 707 is the quickest and the easiest to use, with the most features, the best resolution and accuracy.

DURACELL Ultra M3 9V

- Intuitive user interface combines the best features of dial and button based calibrators
- Measure mA and volts accurately to test and calibrate mA control loops
- Source / simulate mA to test 4-20mA devices such as valve positioners or input cards to PLCs
- Perform fast linearity tests with 25% and 100% stepping
- Conduct remote tests with auto-step and auto-ramp features
- Power transmitters using loop supply with simultaneous mA measurement
- Small, streamlined shape, with protective holster, makes it easy to carry
- Industry leading mA performance with 0.015% accuracy and ∅ .001mA resolution
- Rugged and reliable
- Ex version available

Function	Range	Resolution	Accuracy
Voltage measure	0 to 28V	1mV	0.015% Rdg + 2 LSD
Current measure	0 to 24mA	0.001mA	0.015% Rdg + 2 LSD
Current source*	0 to 20mA	.010mA	0.015% Rdg + 2 LSD
Loop supply	24Vdc	n/a	10%

Temperature coefficient, -10 to 18°C, 28 to 55°C, ±0005% of range per °C
* Max load, 1000 Ohms; Max applied voltage for simulation, 30V

Maximum voltage	30 volts
Non-operating temperature	-40°C to 60°C
Operating temperature	-10°C to 55°C
Relative humidity	0 to 90% (0 to 35°C); 0 to 70% (35 to 55°C)
Operating altitude	3,000m max
Shock and vibration	Per **MIL-T 28800** for a Class 2 instrument
Safety	**CSA CC22.2 No. 1010.1:1992**
EMC	**EN50082-1:1992 and EN55022:1994 Class B**
Battery	One 9V alkaline
Battery life	18 hours typical, at 12mA

Prices where indicated by a ⇵ are subject to change. Please call your local sales office or visit www.farnellinone.com for the latest prices.

232289

Mftrs. List No.	Order Code	Price Each 1+	+	+
FLUKE 707	**389-0508**	☎	☎	☎
FLUKE 707EX	**492-0223**	☎	☎	☎
C101 Carry Case	**947-9783**	☎	☎	☎
Standard Calibration Charge		S C 3	Price Each ☎	
UKAS Calibration charge		N C 3	☎	

Loop Calibrator
Fluke 705

FLUKE

H=164, W=75, D=47mm
Weight = 0.35kg

DURACELL Ultra M3 9V

LATEST PRICING

The Fluke 705 Loop Calibrator is feature-rich solution to loop calibration, maintenance and repair. It offers:-

- A large display and simple, push button interface for ease of use
- Simultaneous mA and % readout for quick, easy, interpretation of readings
- mA accuracy of 0.02%
- Push button 25% steps for fast, easy linearity checks. Save time over traditional knob type controls
- "Span Check" for fast confirmation of zero and span
- Selectable slow ramp, fast ramp, and step to provide smooth outputs for valve slewing and loop functional tests
- 24 volt internal loop supply, so you can power and read a transmitter at the same time without carrying a DMM.
- Single 9V battery that is easily changed
- 0-20mA or 4-20mA default start up modes

Function	Range	Resolution	Accuracy
Voltage measure	0 to 28V	1mV	0.025% Rdg + 1 LSD
Current measure	0 to 24mA	0.001mA	0.025% Rdg + 2 LSD
Current source*	0 to 20mA	.010mA	0.025% Rdg + 2 LSD
Loop supply	24Vdc	n/a	10%

Temperature coefficient, -10 to 18°C, 28 to 55°C, ±0005% of range per °C
* Max load, 1000 Ohms; Max applied voltage for simulation, 30V

Maximum voltage	30 volts
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Operating temperature	-10°C to 55°C
Relative humidity	0 to 90% (0 to 35°C); 0 to 70% (35 to 55°C)
Operating altitude	3,000m max
Shock and vibration	Per **MIL-T 28800** for a Class 2 instrument
Safety	**CSA CC22.2 No. 1010.1:1992**
EMC	**EN50082-1:1992 and EN55022:1994 Class B**
Battery	One 9V alkaline
Battery life	18 hours typical, at 12mA

Prices where indicated by a ⇵ are subject to change. Please call your local sales office or visit www.farnellinone.com for the latest prices.

222575

Mftrs. List No.	Order Code	Price Each 1+	+	+
FLUKE 705	**318-3312**	☎	☎	☎
Standard Calibration Charge		S C 3	Price Each ☎	
UKAS Calibration Charge		N C 3	☎	

Process Meter
FLUKE 789

FLUKE

H=50, W=100, D=203 mm

CALIBRATION SERVICES

LATEST PRICING

DURACELL Ultra M3 AA

The Fluke 789 ProcessMeter combines two tools frequently used by process technicians. It combines a true RMS digital multimeter and a loop calibrator in a single handheld tool, reducing the need to carry multiple instruments around. The meter features externally accessible fuses and battery for easy replacement.
Meets 1000 volt **EN61010-1 CAT III** standards.

- 24V loop power supply
- Very large dual display
- Enhanced dacklight with 2 brightness settings
- 1200Ω drive capacity on mA source
- HART mode setting with loop power and a built-in 250Ω resistor
- 0% & 100% buttons to toggle between 4 & 20mA sourcing for quick span check
- Precision 1000V, 440mA true RMS digital multimeter
- 0.1% dc voltage accuracy
- 0.05% dc current accuracy
- Frequency measurement up to 20 kHz
- Min/Max/Average/Hold/Relative modes
- Diode test and continuity bleeper
- Simultaneous mA & % of scale readout
- 20mA dc current source/loop calibrator/simulator
- Manual step (100%, 25%, coarse & fine) plus auto step and auto ramp

Summary specifications

Function	Range	Resolution	Accuracy
Current measurement	0 to 1A, ac or dc	1 mA	0.2% + 2 LSD (dc)
	0 to 30 mA	0.001 mA	0.05% + 2 LSD
Current sourcing	0 - 20 mA or 4 - 20 mA	0.05% of span	

Prices are in Thai Baht and exclude 7% VAT.
Due to the volatile nature of certain products, prices are subject to change without notice.