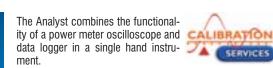
958 Test Equipment - Electrical / Environmental

FARNELL Inone

Current Clamps - continued

Digital Power Clamps AC/DC 2000A







- True RMS, Peak, Crest Factor, THD, Frequency for voltage and current
- 3 phase power measurement for balanced loads
- Rotary switch selection for main measurement func-
- 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	;
1/01/00	

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
the state of the s	

		Price Each		
	Order Code	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

H=52. W=98. L=300



T408/222509







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

- 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
- 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 Ø .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 -40°C to 60°C Non-operating temperature -10°C to 55°C 0 to 90% (0 to 35°C); Operating temperature Relative humidity 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 EN50082-1:1992 and EN55022:1994 Class B **EMC** Battery One 9V alkaline 18 hours typical, at 12mA Battery life

Prices where indicated by a \$\frac{1}{4}\$ are subject to change. Please call your local sales office or visit www farnellinone com for the latest prices

232289

Mftrs. **Price Each** List No. **Order Code** FLUKE 707 389-0508 **否 1 7** FLUKE 707EX 492-0223 C101 Carry Case 947-9783 **T Price Each Standard Calibration Charge** N C 3 **UKAS Calibration charge**

Loop Calibrator Fluke 705



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



FLUKE

- 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
- H=164, W=75, D=47mm 0-20mA or 4-20mA default start up modes

unction	Range	Resolution	Accuracy
/oltage 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
oop 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) 3.000m max

Operating altitude Per MIL-T 28800 for a Class 2 instrument Shock and vibration CSA CC22.2 No. 1010.1:1992 Safety **EMC** EN50082-1:1992 and EN55022:1994 Class B 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. **Price Each** List No. **Order Code** FLUKE 705 318-3312 7 Price Each **Standard Calibration Charge** S C3 **T UKAS Calibration Charge**

Process Meter FLUKE 789



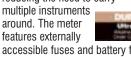
The Fluke 789 ProcessMeter combines two tools frequently



LATEST

FLUKE

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



accessible fuses and battery for easy replacement. Meets 1000 volt **EN61010-1 CAT III**

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

- 24V loop power supply
- Very large dual display
- Enhanced dacklight with 2 brightness 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

Summary specifications

Range Current measurement 0 to 1A, ac or dc 0 to 30 mA 0 - 20 mA or 4 - 20 mA Current sourcing

 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

Resolution	Accuracy
1 mA	0.2% + 2 LSD (dc)
0.001 mA	0.05% + 2 LSD
0.05% of span	
0.05% of span	

Prices are in Thai Baht and exclude 7% VAT prices are subject to change without notice.