



Short Description



- Can be used for 350 Ω or 3 x 1000 Ω load cells
- Small, rugged, handheld with a protective rubber cover
- Graphic display with measured value and battery status
- Datalogging with SD Card and downloaded to a PC via on board USB port
- Includes internal rechargeable battery

Available Models

Model	Capacity	Full Article Description	Part Number
Calog LC II		Calog LC II Loadcell calibrator	31000000
Calog LC II Battery	Max 8hr.	Calog LC II Batterie Li-Ion #BA042	31000010

Specifications and dimensions are subject to change without notice and do not constitute any liability whatsoever.

Technical Specifications Calog LC II

Measuring				
Analogue input ranges	Range	Impedance	Accuracy	Resolution
LC display	-5 ~ 35 mV	min 300 Ω	0.01% FS	5 digit
Bridge balance	-5 ~ 10 mV/V	> 1 MΩ	0.02 mV/V	0.001 mV/V
Resistance	0 ~ 2000 Ω		0.03 % FS	0.1 Ω
Millivolt	-4.5 ~ 35 mV	> 1 MΩ	0.01 % FS	0.001 mV
Voltage	0 ~ 20 V	> 110 kΩ	0.01 % FS	0.001 V
Current (isolated, max. 100V)	0 ~ 24 mA	± 17 Ω	0.02 % FS	0.001 mA
Insulation (50V)	0 ~ 1000 MΩ		5% FS	1 MΩ
Sourcing				
Ranges	Range	Impedance	Accuracy	Resolution
Millivolts	-5 ~ 50 mV	min 500 Ω	0.01% FS	0.001 mV
Milliamps	0 ~ 24 mA	min 600 Ω	0.01% FS	0.001 mA
Humidity	%	< 85 non-condensing RH		
Operating Temperature Range	°C	0 ~ +30		
Storage Temperature Range	°C	-10 ~ +50		
Element Material		UL 94 V-O flame retardant ABS plastic w/ rubber boot		
Weight	g	480		
Keypad		16 Key embossed buttons		
Battery		Lithium Ion with temperature sensing		
Processor		ARM		
Ingress Protection		IP54 (dust and splash proof)		

Features

- Programmable auto-off and selectable date and time
- Graphic display of measured value and battery status
- Lithium Ion Battery pack, charger, carry case and test leads supplied as standard
- Battery run life
 - Approx. 8 hours, loop power off
 - Approx. 4 hours, loop power on
 - Approx. 4 hours, in display mode
 - Continuous with charger in

1 year guarantee against faulty material or workmanship (Batteries not included)

Error messages

Over range	^^^^ with audible warning
Under range	vvvv with audible warning
mA loop error	“loop error” with audible warning
mA loop ohms too high	“check loop Ω” with audible warning

Dimensions in mm

	L	W	H
With the rubber boot on	155	87	43
Without the boot	150	78	34
Graphic display with back-lit LCD	25	52	-

