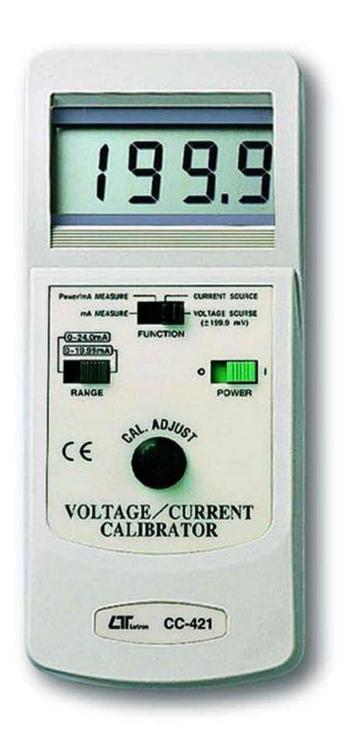
VOLTAGE/CURRENT CALIBRATOR

Model: CC-421 ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101







The Art of Measurement

VOLTAGE/CURRENT CALIBRATOR

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FEATURE

* The instruments Powers or Measure a two-wire current loop. Four function provide the quality and accuracy of handheld calibrator: a. Precision current source. b. Measurement of a current signal. c. Power and measurement of two wire loop. d. Precision DC mV source.

- * Portable instrument for calibrating process devices and measuring process signals.
- * Adjustable 0-24 mA current source.
- * Adjustable -199.9 mV to +1.99.9 mV DC voltage source.
- * Current calibrator drives loads up to 500 ohms.

GENERAL SPECIFICATION

Display	LCD display, max. display counts 1999. 13 mm (0.5") digit size.	
Function	1) Current source	
	2) Current measurement	
	3) Power and current measurement of two wire loop	
	4) DC mV source	
Sampling Time	Approx. 0.4 second.	
Operating Temperature & Humidity	0° C to 50° C (32° F to 122° F). Less than 80% RH.	
Power Supply	006P DC 9V, MN1604/PP3 battery or equivalent. Alkaline type or	
	heavy duty type.	
Dimension	185 x 78 x 38 mm (7.3 x 3.0 x 1.5 inch).	
Weight	265 g/0.58 LB (including battery).	
Accessories Included	Operational manual 1 PC.	
	Cable with the alligator pairs	
	(red & black), LN-TL421 1 PC.	

ELECTRICAL SPECIFICATIONS $(23\pm5 ^{\circ}C)$

Current source

Carrette Source				
Range	Display Resolution	Accuracy		
0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)		
0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)		
Power and current measurement of two wire loop				
Range	Display Resolution	Accuracy		
0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)		
0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)		

^{**}Provides power DC 12V 2 V to the loop and measures current. **FS : full scale

Current measurement

Range	Display Resolution	Accuracy		
0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)		
0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)		
DC mV source				
Range	Display Resolution	Accuracy		
- 199.9 mV To + 199.9 mV	0.1 mV	± (0.25 % FS + 1 d)		

^{*} Output measured load impedance should > 1 K ohms. *FS: full scale

CC-421+0408

^{*} Appearance and specifications listed in this brochure are subject to change without notice.