

# VOLTAGE/CURRENT CALIBRATOR

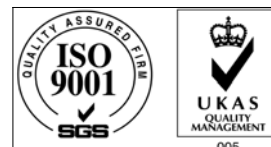
Model : CC-421

ISO-9001, CE, IEC1010



**Lutron**

LUTRON ELECTRONIC



*The Art of Measurement*

# VOLTAGE/CURRENT CALIBRATOR

## Model : CC-421

### FEATURES

* 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 SPECIFICATIONS

Display	LCD display, max. display counts 1999. 13 mm ( 0.5" ) digit size.	Operating Temperature & Humidity	0°C to 50°C ( 32°F to 122°F ). Less than 80% RH.
Function	1) Current source 2) Current measurement 3) Power and current measurement of two wire loop 4) DC mV source	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 ).
Sampling Time	Approx. 0.4 second.	Accessories Included	Operational manual..... 1 PC. Cable with the alligator pairs ( red & black ), LN-TL421..... 1 PC.

### ELECTRICAL SPECIFICATION ( 23 ± 5 °C )

<i>Current source</i>			<i>Current measurement</i>		
Range	Display Resolution	Accuracy	Range	Display Resolution	Accuracy
0 - 19.99 mA	0.01 mA	± ( 0.25 % FS + 1 d )	0 - 19.99 mA	0.01 mA	± ( 0.25 % FS + 1 d )
0 - 24 mA	0.1 mA	± ( 0.5 % FS + 1 d )	0 - 24 mA	0.1 mA	± ( 0.5 % FS + 1 d )
<i>Power and current measurement of two wire loop</i>			<i>DC mV source</i>		
Range	Display Resolution	Accuracy	Range	Display Resolution	Accuracy
0 - 19.99 mA	0.01 mA	± ( 0.25 % FS + 1 d )	- 199.9 mV to + 199.9 mV	0.1 mV	± ( 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			* Output measured load impedance should > 1 K ohms. * FS : full scale		

\* Appearance and specifications listed in this brochure are subject to change without notice.

0408-CC421