

# VOLTAGE/CURRENT CALIBRATOR

Model : CC-421

ISO-9001, CE, IEC1010

[www.yalab.com.tw](http://www.yalab.com.tw)

02-2389-0101



**Lutron**

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*The Art of Measurement*

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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± 5 °C)

### Current 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

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

CC-421+0408