

勝特力材料 886-3-5753170

勝特力电子(上海) 86-21-54151736

勝特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)

## 1. FEATURES

- \* Portable instrument for calibrating process devices and measuring process signals.
- \* Adjustable 0–24 mA current source.
- \* Adjustable –199.9 mV to +199.9 mV DCV source.
- \* Current calibrator drives loads up to 500 ohms.
- \* The instruments Powers or Measure a two–wire current loop.
- \* Four function provide the quality and accuracy of handheld calibrator : 1) Precision current source, 2) Measurement of a current signal, 3) Power and measurement of two wire loop, 4) Precision DC mV source,

## 2. SPECIFICATIONS

### 2–1 General Specifications

Display	LCD display, max. display counnts 1999. 13 mm ( 0.5" ) digit size.
Function Range & Resolution	1) <i>Current source</i> : 2 ranges : 0 – 19.99 mA x 0.01 mA 0 – 24 mA x 0.1 mA
	2) <i>Current measurement</i> : 2 ranges : 0 – 19.99 mA x 0.01 mA 0 – 24 mA x 0.1 mA
	3) <i>Power and current measurement of two wire loop</i> : 0 – 19.99 mA x 0.01 mA 0 – 24 mA x 0.1 mA
	4) <i>DC mV source</i> : – 199.9 mV to + 199.9 mV x 0.1 mV

Sampling Time	Approx. 0.4 second.
Over input Indication	Indication of " 1 ".
Operating Temperature	0 °C to 50 °C ( 32 °F to 122 °F ).
Operating Humidity	Less than 80% RH.
Power Supply	006P DC 9V, MN1604/PP3 battery or equivalent. <i>Alkaline type or heavy duty type.</i>
Power Consumption	<i>Current measurement :</i> Approx. DC 12 mA
	<i>Power and current measurement :</i> Approx. DC 12 mA
	<i>Current source (under 10 mA signal out put) :</i> Approx. DC 33 mA
	<i>DC mV source (under 100 mV signal out put) :</i> Approx. DC 33 mA
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.

## 2-2 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 )
* Output 0 to 24 mA current for loads up to 500 ohms. Output > 20 mA current for loads up to 400 ohms. * FS : full scale		

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)