

# 4034 雜訊/時序分析儀 (1~4CH)



4034-1 (1CH)



4034-2 (2CH)



4034 (4CH)

## 特 性

- Set-up / Hold-up / Rise / Fall Time 量測
- 雜訊 (Noise) 量測 : up to 20MHz
- 漣波 (Ripple) 量測 : 0~100KHz
- 過衝 (Over-Shoot) 量測 : 0~100KHz
- 調光 (Dimming) 量測 : 100KHz

## 說 明

- 4034-1 (1CH)、4034-2 (2CH)、4034 (4CH) 可量測電壓的雜訊 (Noise) 及電壓、電流的漣波 (Ripple)，且可用於電壓、電流過衝 (Over-Shoot) 的量測
- 對於時間 (Set-up / Hold-up / Rise / Fall Time) 及調光 (Dimming) 的量測，4034-1、4034-2、4034亦是理想的測試設備

## Noise & Timing Analyzer

MODEL	4034-1	4034-2	4034
No. of Input Channel	1	2	4
<b>Timing Measurement</b>		<b>Ripple Measurement</b>	
<b>Set-up/Hold-up/Rise/Fall Time</b>		<b>Band Width</b>	0~100 KHz
<b>Voltage range</b>	0~80 / 600 Vdc	<b>Voltage range</b>	0~80 / 600 Vdc
<b>Current range</b>	*(1/4F.S.) / (F.S.) Adc	<b>Measurement range</b>	0~3.2 / 20 Vp-p
<b>Timing range</b>	1 Sec/2 Sec/4 Sec/8 Sec/16 Sec	<b>Resolution</b>	0.001 / 0.01V
<b>Resolution</b>	1μS/2μS/4μS/8μS/16μS	<b>Current range</b>	*(1/4F.S.) / (F.S.) Adc
<b>Vth1/Vth2</b>		<b>Measurement range</b>	*(1/8F.S.) / (1/2F.S.) Ap-p
<b>Voltage range</b>	5%~95% of reading	<b>Resolution</b>	0.001 / 0.01A
<b>Resolution</b>	0.1V / 1V, 0.001A/0.01A	<b>Accuracy</b>	±5% of (Reading + Range)
<b>Accuracy</b>	±2% of (Reading + Range)	<b>Sampling Rate</b>	100KHz
<b>Noise Measurement</b>		<b>Update Rate</b>	50~1000 mS
<b>Low Pass Filter</b>	up to 20 MHz	<b>Resolution</b>	1mS
<b>Voltage range</b>	0.6 / 3Vp-p	<b>Dimming Measurement</b>	
<b>Resolution</b>	1mV	<b>Band Width</b>	100KHz
<b>Accuracy</b>	±2% of Reading + 5mV	<b>Current range</b>	*(1/8F.S.) / (1/2F.S.) Adc
<b>Over Shoot Measurement</b>		<b>Resolution</b>	0.001 / 0.01A
<b>Band Width</b>	0~100 KHz	<b>Accuracy</b>	±5% of (Reading + Range)
<b>Voltage range</b>	0~80 / 600 Vdc	<b>Sampling Rate</b>	100KHz
<b>Measurement range</b>	0~80 / 600 Vdc	<b>Update Rate</b>	50~1000 mS
<b>Resolution</b>	0.1 / 1Vdc	<b>Resolution</b>	1mS
<b>Current range</b>	*(1/4F.S.) / (F.S.) Adc	<b>Frequency range</b>	10Hz~35KHz
<b>Measurement range</b>	*(1/4F.S.) / (F.S.) Adc	<b>Resolution</b>	0.1Hz
<b>Resolution</b>	0.001 / 0.01A	<b>Accuracy</b>	±1% of (Reading + Range)
<b>Accuracy</b>	±5% OF (Reading + Range)	<b>Duty(Ton) Range</b>	3μS~90mS
<b>Sampling Rate</b>	100KHz	<b>Resolution</b>	1μS
<b>Update Rate</b>	50~1000 mS	<b>Accuracy</b>	±1% of (Reading + Range)
<b>Resolution</b>	1mS		

註\* : F.S. 為所選用電子負載的Current range