



## 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
- 可選用介面卡 : GPIB、RS232、USB、LAN

## 說 明

- 4034A (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，4034A亦是理想的測試設備

## Noise &amp; Timing Analyzer

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

註\* : F.S. 為所選用電子負載的Current range