

Main specifications comparison table



Model No.	U8978	U8975	8946
Input	Voltage	Voltage	Voltage
Number of channels	4 ch	4 ch	4 ch
Sampling rate	5 MS/s	5 MS/s	1 MS/s
Frequency response	2 MHz	2 MHz	100 kHz
A/D resolution	16 bit	16 bit	12 bit
Minimum resolution	3.125 μV	125 μ V	125 μ V
DC accuracy	0.3% f.s.	0.1% f.s.	0.5% f.s.
Maximum sensitivity range DC accuracy	0.3 mV	4 mV	1 mV
Range configuration	100 mV f.s.~40 V f.s.	4 V f.s.~200 V f.s.	200 mV f.s.~40 V f.s.
Maximum input voltage	direct input DC 40V Combination with 9665 DC 400V	DC 200 V	30 V rms / DC 60 V
Maximum rated voltage to ground	direct input AC 30 V, DC 60 V Combination with 9665 AC, DC 300 V (CAT II)	AC, DC 300V (CAT II)	30 V rms / DC 60 V
Input coupling	DC, GND	DC, GND	DC, GND