

## Main specifications comparison table



Model No.	U8979	8947
Input	Acceleration and voltage	Acceleration and voltage
Supported sensors	Charge-output-type built-in pre-amp-type	Charge-output-type built-in pre-amp-type
Sampling rate	200 kS/s	1 MS/s
Frequency response	(Voltage) DC~50 kHz (At DC coupling) 1 Hz~50 kHz (At AC coupling) (electric charge) 1.5 Hz~50 kHz (pre-amp embedded) 1 Hz~50 kHz	(Voltage) DC~400 kHz (At DC coupling) 1 Hz~400 kHz (At AC coupling) (electric charge) 1 Hz~50 kHz (pre-amp embedded) 1 Hz~50 kHz
A/D resolution	<b>16 bit</b>	12 bit
DC accuracy	Voltage 0.5% f.s. Acceleration 2.0% f.s.	Voltage 0.55% f.s. Acceleration 2.0% f.s.
(Voltage) Maximum input voltage	DC 40 V	(Voltage) 30Vrms or DC 60 V
Voltage to ground	AC 30 V, DC 60 V	30 V rms or 60 V DC
Input coupling	AC, DC, GND	AC, DC, GND
AAF	Yes	Yes
TEDS	<b>Yes</b>	n/a