

RAZOR™ Instruments Comparison



RAZOR Instrument	RAZOR EX Instrument
Sample Handling	
<ul style="list-style-type: none"> • 12 reaction capacity • Plastic reaction pouch • Pouch dependent (see directions for each reagent pouch) 	<ul style="list-style-type: none"> • 12 reaction capacity • Plastic reaction pouch • Pouch dependent (see directions for each reagent pouch)
Fluorescence Acquisition	
<ul style="list-style-type: none"> • Single-color optic module • Blue LED excitation with peak emission of 470 nm • Emission wavelengths of 530 or 640 nm 	<ul style="list-style-type: none"> • Single-color optic module • Blue LED excitation with peak emission of 470 nm • Emission wavelengths of 530 or 640 nm
User Interface	
<ul style="list-style-type: none"> • 8.2 x 1.9 cm (3.25 x .75 in.), two line LCD backlit display • Large membrane push-button interface 	<ul style="list-style-type: none"> • 8.2 x 5.7 cm (3.25 x 2.25 in.) color screen • Large membrane push-button interface • Bar code reader to load pouch and protocol information
Performance Parameters	
<ul style="list-style-type: none"> • Protocol dependent • Instrument set-up time ≤ 5 min. • PCR results in 30 minutes 	<ul style="list-style-type: none"> • Protocol dependent • Instrument set-up time ≤ 5 min. • PCR results in 30 minutes • RT capable for virus detection
Data Output	
<ul style="list-style-type: none"> • Test results are displayed in "+" or "-" on LCD display • Serial port connection for downloading and archiving • Automatic analysis with interpretive calls describing real-time positive or negative calls 	<ul style="list-style-type: none"> • Real-time display of fluorescent readings and qualitative calls • USB and Bluetooth for data download and archiving • Automatic analysis with interpretive calls describing real-time positive or negative calls
Dimensions and Weight	
<ul style="list-style-type: none"> • Size: 23.4 x 11.4 x 16.2 cm (9.25 x 4.5 x 6.4 in.) W x D x H • Weight: 4.1 kg (9 lb. 1 oz.) 	<ul style="list-style-type: none"> • Size: 25.4 x 11.4 x 19 cm (10 x 4.5 x 7.5 in.) (W x D x H) • Weight: 4.9 kg (11 lb.)
Power Supply	
<ul style="list-style-type: none"> • 24 V 4 A external power supply (power cable and convertor, included) • Rechargeable battery pack (included) • 100–240 V, 50/60 Hz, 7.0/6.0 A, 650 W • 5 runs per battery charge 	<ul style="list-style-type: none"> • 24 V 4 A external power supply (power cable and convertor, included) • Rechargeable battery pack (included) • 100–240 V, 50/60 Hz, 7.0/6.0 A, 650 W • 8 runs per battery charge • Locking USB and power connections