

# Compare ApexRemote Models

	ApexR3	ApexR5	ApexR02	ApexR03	ApexR05
<b>Specifications</b>					
<b>Minimum Size Detection</b>	0.3 µm	0.5 µm	0.2 µm	0.3 µm	0.5 µm
<b>Standard 2 channel sizes</b>	0.3, 0.5, µm	0.5, 5.0 µm	0.2, 0.3 µm	0.3, 0.5 µm	0.5, 5.0 µm
<b>Optional 4 channel sizes</b>	0.3, 0.5, 1.0, 5.0 µm	0.5, 1.0, 5.0, 10.0 µm	0.2, 0.3, 0.5, 1.0 µm	0.3, 0.5, 1.0, 5.0 µm	0.5, 1.0, 5.0, 10.0 µm
<b>Additional Available sizes</b>	0.3, 0.5, 0.7, 1.0, 3.0, 5.0 µm	0.5, 0.7, 1.0, 3.0, 5.0, 7.0, 10.0 µm	0.2, 0.3, 0.5, 0.7, 1.0, 2.0 µm	0.3, 0.5, 0.7, 1.0, 3.0, 5.0 µm	0.5, 0.7, 1.0, 3.0, 5.0, 7.0, 10.0µm
<b>Flow Rate / Nozzle Size</b>	1 CFM (28.3 LPM), 1/4" inlet and outlet fitting		0.1 CFM (2.83 LPM), 1/8" inlet and outlet fitting		
<b>Weight</b>	1.6 lbs (0.73 kg)		1.4 lbs (0.63 kg)		
<b>Communication</b>	Ethernet or Serial				
<b>Modbus Protocol</b>	TCP or RTU or ASCII				
<b>Data Storage Records</b>	3,000				
<b>Self Diagnostics</b>	Laser power supply, laser current, laser power, photo detector power supply, background voltage, photo detector health.				
<b>Web Server</b>	Remote access via web browser				
<b>Validation Mode</b>	Yes				
<b>Alarm Light</b>	Yes				
<b>Enclosure</b>	304 Stainless Steel				
<b>Power</b>	24 VDC, PoE				
<b>External Vacuum Requirements</b>	Nominal 1.0 CFM 18" (45.72 cm) of Hg				
<b>Light Source</b>	Laser Diode				
<b>Calibration</b>	Designed for ISO 21501-4 Compliance				
<b>Zero Count Level</b>	<1count/5 minutes per ISO 21501-4				
<b>Concentration Limits 1.0 CFM</b>	1,000,000 particles/ft3@10% (34,300,000/m3) coincidence loss suitable for ISO classes 1-8 cleanrooms				
<b>Concentration Limits 0.1 CFM</b>	4,000,000 particles/ft3@10% (137,200,000/m3) coincidence loss suitable for ISO classes 1-8 cleanrooms				
<b>Counting Efficiency</b>	50% @ minimum channel size, 100% for particles >1.5 X - 2X channel particle size				
<b>Dimensions</b>	6.38"x 2.93"x 4.63"(16.2x7.4x11.7cm)				
<b>Options</b>					
<b>Software</b>	LMS Express, LMS Express RT, LMS Pharma				
<b>Display</b>	OLED				
<b>Smart Bracket</b>	Wall Mount Flush, Wall Mount Through Base, Wall Mount Through Wall				