

Compare ApexRemote Models

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