

## Technical Data - PSA Series

Technical Specifications			
	PSA 990	PSA 1090	PSA 1190
Measurement principle	Laser diffraction		
Measuring range (dry)	0.3 µm to 500 µm	0.1 µm to 500 µm	0.1 µm to 2500 µm
Measuring range (wet)	0.2 µm to 500 µm	0.04 µm to 500 µm	0.04 µm to 2500 µm
Dry dispersion	Venturi	Venturi	Venturi/free fall
Liquid dispersion	2 peristaltic pumps/ultrasonic transducer/stirrer		
Repeatability	<1 %		
Accuracy	<3 %		
Measuring time	<1 min		
Number of lasers	1	2	3
Laser safety classification	FDA Title 21 CFR - Part 1040 & EN 60825-1:2014		
Laser class, closed cover	Class 1 of EN 60825-1:2014		
Laser class, open cover	Class 3R of EN 60825-1:2014		
Digital data security	FDA Title 21 CFR - Part 11		
Electromagnetic compatibility	EN 61326-1:2013		
Low voltage	EN 61010-1:2010 & EN 61010-2-081:2015		
Dimensions (L x D x H)	890 mm x 530 mm x 430 mm; 35 in x 21 in x 17 in		
Weight	~55 kg		