

Seta AvCount Lite SA1800-2

Portable Light Extinction Particle Counter

ASTM D7619; ASTM D975; IP 565; IP 630; JIS 9932:2012; JIS B 9933:2021; JIS B 9934:2012

- ISO 11171 calibration
- Cumulative Particles/ml
- ISO 4406 Cleanliness Codes
- Simple operation
- Portable, compact instrument
- Under 3 minute test time
- Online/offline sampling
- Stand-alone or PC controlled
- PC programmable
- Integrated printer
- Optional battery for portable use



Fuels • Hydraulic Oil • Light Lubricants



Operation Principle of operation Laser obscuration Test methods 3 embedded test methods, user programmable via PC Supplied with ASTM D7619; IP 565; ISO 4406 pre-installed Particle size range ISO 1117: 4μm(c) to >70μm(c) (calibration for larger sizes available on request) Test duration (ASTM D7619; IP Less than 3 minutes Pressure (max) Online pressure 10 Bar, pressure reducing valve for high pressure max 300 Bar Sample temperature range Ambient 0 to 70 °C Operating temperature range Ambient 0 to 70 °C Sampling method Bottle sample or online connection Size Programmable test method parameters (via PC) Programmable test method parameters (via PC) Yellow on black high contrast display, simple menu driven system with rotate and push control Measurement 4 (b) on automated repeat tests, interval between repeat tests Pisplay and control system 6 size channels displayed on instrument, up to 16 programmable via PC 4μm(c), 6μm(c), 10μm(c), 14μm(c), 21μm(c), 25μm(c), 30μm(c), 38μm(c), 70μm(c) Measuring channels 6 size channels displayed on instrument, up to 16 programmable via PC 4μm(c), 6μm(c), 10μm(c), 14μm(c), 21μm(c), 25μm(c), 30μm(c), 38μm(c), 70μm(c) Counts per measurement (max) 60,000 per ml Coincidence error li	Technical Specifications	
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Size (HxWxD) / Weight 250 x 145 x 350 mm / 7.4 kg	Physical	
Construction Coated steel outer case	•	250 x 145 x 350 mm / 7.4 kg
	Construction	Coated steel outer case