

# SETA AvCount2 Particle Counter

ASTM D7619 Standard Test Method for Counting and Sizing Particles in Light and Middle Distillate Fuels, and Liquid Bio Fuels, by Automatic Particle Counter; IP 565; DEF STAN 91-91: ISO 4406 (1999); ISO 4406 (1991), GOST 17216, NAS 1638, SAE AS4059E, SAE A6D, SAE 749D, GB 5930, GJB 420-1987, GJB 420-A-1996, GJB 420B-2006

- Easy to use large touch screen display
- Rugged, stainless steel case suitable for portable use
- 15 fixed measuring channels (calibration in compliance with ISOMTD for measuring in oil)
- An upper and lower limit value can be set for each of the first 8 counting channels
- Integral Data storage for up to 2000 measurements across 60 memories
- Internal Double Pump System
- Optional in-line high pressure testing up to 310 Bar
- English, Chinese or German language selection



avcount2 can be used throughout distribution networks and in the laboratory, in fact anywhere that requires fast and accurate determination of particle distribution in a liquid sample. Whether checking the quality of fuel, filter systems or in service lubricants, avcount2 provides fast and precise results.

- Refinery Processing Materials
- Corrosion & Rust in Pipes & Tanks
- Contamination of in-service fluids
- Airborne Solids
- Degraded & Damaged Hoses & Filters
- Microbiological Growth

Results are displayed in real time and are simultaneously printed out on the compact integral printer. The test methods embedded in avcount2 cover a range of fuels, lubricating oils and hydraulic fluids and can be edited to create custom test profiles.

Improved connectivity and better memory management allows results to be accessed, printed out or downloaded to a memory stick via the USB port, or to a personal computer via the RS232 Port. The avcount2 can also be controlled via the RS232 port. avcount2 utilises 16 point calibration and can be re-calibrated on-site by a Seta trained engineer.

## SPECIFICATIONS

<b>Particle Size Range:</b>	ISO 11171: 4µm to >70µm ISO 4402: 2µm to >100µm GOST17216-71: 2µm to >200µm
<b>Measuring Channels:</b>	15
<b>Counts per Measurement (max):</b>	16.000.000
<b>Sample Viscosity (max):</b>	68mm <sup>2</sup> /s (from sample bottle) 500mm <sup>2</sup> /s (@10bar)
<b>Sample Temperature Range:</b>	0 to 80°C
<b>Size Bands Reported During Test:</b>	As specified in Test Method
<b>Size Bands Reported on Recall</b>	All channels
<b>Results:</b>	Particles/ml or Particles/10ml (Test Method dependant) Cumulative and Distributive Cleanliness Codes, Cumulative or Distributive (Test Method dependant)
<b>Cell Volume @ Flow Rate:</b>	10ml @ 30ml/min
<b>Total Sample Volume used (typ):</b>	80ml (includes rinse cycles) for IP 565 & ASTM Multifuel 20ml other methods



**Analytics**