

eracount xs

THE FASTEST ISO 4406
LASER PARTICLE COUNTER



Xtra Easy Xtra Rugged Xtra Accurate

The particle counter **eracount xs** is the analyzer of choice for fastest particle measurements with laboratory precision directly in the field. At the push of a button, the laser-based analyzer measures and displays the ISO 4406 particle size channels $\geq 4 \mu\text{m(c)}$, $\geq 6 \mu\text{m(c)}$ and $\geq 14 \mu\text{m(c)}$ – all within 60 seconds using only 10 mL of sample.

eracount xs is calibrated according to the international standard ISO 11171 and traceable to NIST standards and measures the cleanliness of any lubricant or petroleum product with viscosities up to 1000 mm²/s at 22 C° (up to ISO VG 320). The full performance of this laser-based particle counter is achieved connecting it to any other **eralytics** analyzer, like the kinematic viscometer **eravisc X** or the FTIR spectrometer **eraspec oil**.

Technical Specifications of **eracount xs**

Standards	ISO 4406, ISO 11171, ISO 4402, SAE AS4059
Operation Modes	Function as a module together with other eralytics analyzers
Particle size channels	4, 6, 14 μm 21, 25, 30, 38, 70 μm (in combination with any eralytics analyzer)
Flow rate	10 mL/min (default), optional 25 mL/min
Min. sample volume required	5 mL at 10 mL/min, 12.5 mL at 25 mL/min
Min. measurement time	30 seconds
Max. viscosity	1000 mm ² /s @ 22°C
Max. accept. particle size	230 μm
Sample temperature	5 to 60°C
Operation temperature	-10 to 50°C
Power requirements	24 VDC, max. 80 W
PC software	erasoft OCM Software: supports the operator in the management, operation and maintenance of technical OCM facilities
Interfaces	USB-C: Communication to eralytics analyzer
Dimensions (W x D x H)	25.5 x 18.5 x 25.6 cm (10.0 x 7.3 x 10.1 in)
Weight	3 kg (6.6 lb)

Due to continuing product development, specifications are subject to change.

All **eralytics** products are manufactured under ISO 9001 regulations and are CE, ROHS and UL/CSA compliant. www.eralytics.com



eralytics instruments are available worldwide.
An international network of over 50 authorized and well-trained distributors
is ready to answer your inquiries and to offer local support and service.
www.eralytics.com/distribution

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