

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 mm<sup>2</sup>/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
Operation Modes	Function as a module together with other <b>eralytics</b> analyzers
Particle size channels	4, 6, 14 $\mu\text{m}$ 21, 25, 30, 38, 70 $\mu\text{m}$ (in combination with any <b>eralytics</b> 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 <sup>2</sup> /s @ 22°C
Max. accept. particle size	230 $\mu\text{m}$
Sample temperature	5 to 60°C
Operation temperature	-10 to 50°C
Power requirements	24 VDC, max. 80 W
PC software	<b>erasoft OCM</b> Software: supports the operator in the management, operation and maintenance of technical OCM facilities
Interfaces	USB-C: Communication to <b>eralytics</b> 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](http://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](http://www.eralytics.com/distribution)

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