

# ERACOUNT XS

## The fastest ISO 4406 Laser Particle Counter

### FEATURES

10mL sample volume

Measurement of up to  
8 different particle  
size channels

Robust, full-metal  
device with only 3 kg  
of weight

**ERACOUNT XS** is the smallest and fastest field particle counter. 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** counts particles in eight channels when connected to one of eralytics' other OCM analyzers.



### Xtra EASY

**ERACOUNT XS** is the analyzer of choice for fast particle measurements with lab grade precision directly in the field. Initial failures in hydraulic and lubricating oil systems lead to the early appearance of big particles. **ERACOUNT XS** easily detects every particle that passes the sensor.

### Xtra RUGGED

**ERACOUNT XS** is an extremely robust all-metal device weighing only 3 kg. It can resist harsh environments such as extreme temperatures or any kind of vibrations.

### Xtra ACCURATE

**ERACOUNT XS** measures the cleanliness of any lubricant or petroleum product with viscosities up to 1000 cSt at 22 C° (up to ISO VG 320) over a pressure up to 2 bar. With its eight particle size channels **ERACOUNT XS** can detect even larger particles, offering the possibility to alert in case of abrasion or machine failure. The instrument is calibrated according to the international standard ISO 11171 and traceable to NIST standards.

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### TECHNICAL SPECIFICATONS

<b>Standards</b>	ISO 4406, ISO 11171, ISO 4402, SAE AS4059
<b>Particle size channels</b>	4, 6, 14, 21, 25, 30, 38, 70 µm
<b>Flow rate</b>	10 ml/min (default), optional 25 ml/min
<b>Min. sample volume required</b>	5 ml at 10 ml/min, 12.5 ml at 25 ml/min
<b>Measurement time</b>	60 seconds
<b>Max. viscosity</b>	1000 cSt @ 22°C or 300 cSt @ 40°C
<b>Max. particle size</b>	230 µm
<b>Sample temperature</b>	5 to 60°C
<b>Operation temperature</b>	-10 to 50°C
<b>Power requirements</b>	24 VDC, max. 80 W
<b>Interfaces</b>	USB-C: Communication to eralytics analyzer
<b>Dimensions (W x H x D)</b>	20 x 19 x 26 cm (7.9 x 7.5 x 10.2 in)
<b>Weight</b>	3 kg (6.6 lb)