



LEC OilTracer - Technical Data Sheet

Technical data for online oil consumption measurements using LEC OilTracer:

Technical data and services	
Resolution	0.001 g / kWh
Reproducibility	0.005 g / kWh
Measurement range (laser spectrometer)	1,000 - 50,000 ppm
Dynamics	1 Hz sample rate
Oil consumption stabilization time	< 300 sec.
Ambient temperature	10 - 40 °C
Humidity	max. 80 % (non-condensing)
Electrical connection	400 V / 3 Ph / 7 kW
Dimensions	W 610 x L 1,700 x H 1,644 mm
Weight	200 kg
Compressed air supply	6 bar / 2 Nm ³ / h
Exhaust gas discharge point	10 mm Swagelok or Parker 15 L
Ethernet interface to the test bed	Generic communication for intergration of the analyser
Test bed warm up time	< 1 hour
Initial setup on the test bed	< 2 hours
Recurring setup on the test bed	< 30 min