

FS9V4

Fuel & Oil Cleanliness Analyser

Datasheet



Specifications

Specification	Detail
Dimensions	Small – (w)314mm x (d)257mm x (h)152mm (12.4" x 10.1" x 6.0") Large – (w)398 mm x (d)310 mm x (h)172 mm (15.7" x 12.2" x 6.8")
Weight	Small – 4.46 kg (9.8 lbs) Large – 7.10kg (15.7 lbs)
Finish	Black impact resistant case
Nominal Battery Voltage	22.5 VDC
Charge Voltage	25.2 VDC
Capacity	4000 mAh
Charge time	2 hours (80%) 5 hours (100%)
Run time	Up to 10 hours (depending on fluid viscosity)
Modes of operation	Tank sampling Bottle sampling (200ml minimum sample bottle recommended)
Cleanliness standards	ISO 4406, NAS 1638, SAE AS4059
Pump type	Gear pump
Duty cycle	Continuous
Viscosity range	Small Unit – 1-320 cSt (1-300 cSt with High Pressure device) Large Unit – 1-2400 cSt (1-300 cSt with High Pressure device)
Fluid compatibility	Diesel & oil (hydraulic, lubrication, mineral, synthetic)
Fluid temperature	0 to 60°C (oils) 0 to 50°C (diesel)
Ambient temperature	0°C to +60°C
Environment	Lid closed – IP67 Lid open – IP54
Connections	1604 minimess test points, with 0.6m long 8mm tubing
Pressure	2.5 bar max (up to 350 bar with optional High Pressure device)
Maximum humidity	97% relative humidity, non-condensing
Certification	Factory calibration certificate CE declaration
Verification frequency	12 months recommended
PC requirements	Windows/Mac (with USB port), spreadsheet software (e.g. MS Excel)