

Schroeder Pro Total Fluid Life



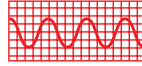
Laser Particle Counter -
4, 6, 14, & 21 micron counts
displayed as ISO, NAS, & SAE



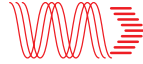
Oil Life Sensor - gives warning
of oil life ending and also helps
inform if an oil change is required



Water Sensor - shows
relative humidity of oil as
% saturation



Touch Screen - allows users
to navigate operational
functions with ease and
analyze data



Internal Gear Pump - with bypass for processing
pressurized and non-pressurized vessels



Part of the Schroeder Industries 2030 Initiative

Features & Benefits

The Schroeder Pro: Total Fluid Life is a state-of-the-art portable service unit, designed to provide invaluable, real-time insight into the health of synthetic oils, organic oils, mineral oils, and diesel fuel. This insight helps fluid users make informed decisions with regard to fluid replacement and treatment planning.

Description

Specifications

Measured Variables:	ISO Code / SAE Class / NAS Class / TAN-Delta Number (Oil Life) / Saturation Level / Temperature
Particulate Measurement Standards:	ISO 4406 ($\geq 4(c)$ / $\geq 6(c)$ / $\geq 14(c)$ / $\geq 21(c)$), NAS 1638, SAE AS4059
Particle Counter Measuring Range:	Maximum ISO Code of 29
Accuracy:	± 0.5 ISO Code (Minimum concentration ISO MTD 2.8mg/L)
Operating Temperature Range:	32°F to 122°F
Fluid Compatibility:	Mineral-based oils, Synthetic oils, Organic oils, Diesel Fuels
Dimensions (cover closed):	-(L) 16.2" x (D) 12.7" x (H) 6.7" (main device; accessory case: (L) 22.6" x (D) 20.9" x (H) 8.0")
Environmental Protection:	IP67 (cover closed) IP54 (cover open)
Maximum Ambient Humidity:	97% relative humidity, non-condensing
Weight:	20.8 lbs. (9.45kg) (main device; accessory case: 19lbs. [8.6kg])
Calibration Verification Frequency:	12 months recommended
Operating Pressure:	36.3 psi (2.5 bar) Max. (5075 psi [350 bar] w/ adapter for pressurized lines)
System Pressure:	145 psi (10 bar) Max.
Permissible Viscosity Range:	1-320 cSt (1-300 cSt with high pressure adapter)
Operating Temperature:	32°F to 122°F
Fluid Temperature Range:	14°F to 131°F (oils) 14°F to 122°F (diesel fuel)
Pump Type:	Gear
Duty Cycle:	Continuous
Connection:	1604 minimess test points, with 0.6m long 8mm tubing
Power Supply Voltage:	115V AC
Nominal Battery Voltage:	15.0V DC
Charge Voltage:	16.8V DC
Charge Capacity:	5.2Ah
Charge Time:	2 hours (80%) / 5 hours (100%)
Run Time:	Up to 6 hours (viscosity dependent)
Data Transmission:	Internet, USB

Total Fluid Life

Schroeder Pro

Model Selection



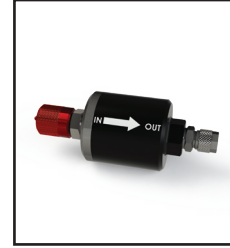
Schroeder Pro Series:
Total Fluid Life

7641077



Schroeder Pro Series:
Accessory Kit

Included w/ Schroeder Pro



Schroeder Pro Series: High
Pressure Adapter

Sold Separately

7641529

Items Supplied

- Schroeder Pro: Total Fluid Life

Accessory Kit with included items:

- 120VAC Power Supply (charger)
- Hotplate
- Temperature probe
- Magnetic stirrer
- 100 mm wide funnel
- (2) 100 mL sampling bottles
- Sampling/vacuum pump
- USB memory stick
- (2) stoppers (8mm hole)
- Viscosity cup
- High-pressure device
- (2) solid stoppers
- (2) 500 mL flasks
- Storage compartment for hoses and cables