

LS Lite - Leak Simulator



HIGHLIGHTS

- ✓ High accuracy and repeatability
- ✓ Touchscreen display
- ✓ Compact design
- ✓ Powered with standard AA battery
- ✓ Intuitive user interface
- ✓ Plugs directly into instrument external leak port

DESCRIPTION

- Leak instrument calibrator and leak simulator
- Measures real mass flow, independent of changes in pressure or temperature
- Plugs directly into external leak port on all CTS, CTS-Schreiner instruments, and most competitor instruments
- High speed 32 bit processor
- Operating Pressure: -0,8 to 10 barg (-11.6 to 145 psig)
- System Leak rate: 1×10^{-6} mbar l/s He
- Touchscreen display: 128 x 64 mm (5 x 2.5 in)
- Precision valve
- Backlight enabled with input from external Micro-USB power supply
- Variable display orientation allows operation in any position
- Password protection

DISPLAY

- Icon menu screen for easy navigation
- Automatic display adjustment
- Wide range of measurement units for both normal flow, and standard flow, and other units

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------|--|
| Housing (WxHxD) | 114 x 43.3 x 67.8 mm (4.5 x 1.7 x 2.7 in) |
| Weight | 0.4 kg (0.9 lbs) |
| Power Supply | AA battery or Micro-USB cable (included) |
| Protection | IP50 |
| Test Medium | Air, N2 |
| Operating Temperature Range | 0-50° C (32-122° F) |
| Conditions | 0-95% RH, non-condensing |

LS LITE MODELS

| | LS Lite 50 | LS Lite 500 |
|-----------------|----------------------|----------------------|
| Measuring Range | 0.6-50 cc/min | 6-500 cc/min |
| Accuracy | ± 1.0% of full scale | ± 1.0% of full scale |

5-17-18

APPLICATION EXAMPLES



Automotive



Powertrain



Consumer Goods



Energy



HVAC/R



Medical



Military



Other Transportation