

# LS Lite – Leak Simulator



## 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, and innomatec instruments, and can be plugged or connected to most competitor instruments (adapters/couplers may vary)
- Can be used with negative and positive pressure
- High speed 32 bit processor
- Operating Pressure: -0,8 to 10 barg (-11.6 to 145 psig)
- System Leak rate:  $1 \times 10^{-6}$  mbar l/s He
- Touchscreen display: 56 x 28 mm (2.2 x 0.95 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

## Highlights

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

## 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

## Application Examples

Automotive	Powertrain	Consumer Goods	Energy
HVAC/R	Medical	Safety	Other Transportation