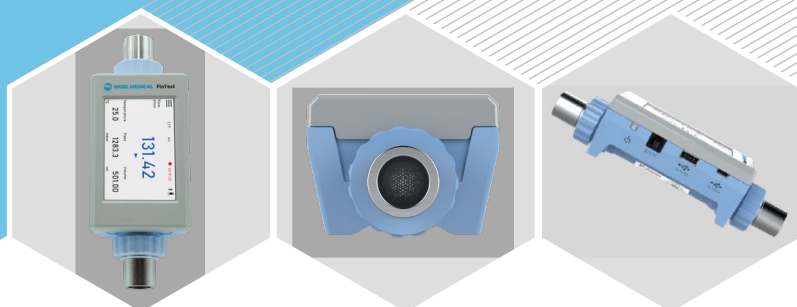




# FloTest

Compact and precise  
gas flow analyzer



**The FloTest measures gas flows, volume, absolute pressure and temperature. It is easy to use, battery powered, compact, versatile and ideal for engineering, manufacturing and field service.**

The new patented flow measurement, with its multi-disc system, uses AI algorithms to ensure precise flow accuracy, a very low zero drift and low flow resistance.

## Why buy the FloTest?

- > Configurable, high resolution, single-touch user interface allows you to change the unit of measurement, gas standard and gas type with ease
- > Data recording for up to 100 hours with a resolution of 1ms and the ability to export to CSV
- > Analyze data with your mobile device. The FlowMeter App offers high resolution real time charts, advanced data snapshot and more.

## Key Features:

- > Flow measurement with 1.9% accuracy
- > Gas temperature
- > Absolute pressure
- > Low resistance
- > Remote control interface
- > Easy to use
- > Built-in battery

Passionate about patient safety.  
T: +44 (0) 191 587 8730 E: sales@rigelmedical.com



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TESTED, TRUSTED... WORLDWIDE.

See the **FloTest** for yourself, request your FREE live online demonstration today at [rigelmedical.com/FloTest](http://rigelmedical.com/FloTest)



**What's in the box?**

- > FloTest
- > Carry Case
- > Protection Filter RT019
- > Power supply
- > Quick start guide
- > Calibration certificate

**Technical Specification:**

<b>Flow Measurements</b>	
Measuring direction	Bidirectional
Temperature compensation	Automatic
Pressure compensation	Automatic
Range	± 300 L/min
Accuracy	± 1.9 % or ± 0.05 L/min
<b>Volume Measurements</b>	
In flow channel range	0 - 500 000 L
In flow channel accuracy	± 2.25 % or ± 1 mL (flow > 2.5 L/min)
<b>Pressure</b>	
Absolute pressure in flow channel (P <sub>abs</sub> )	Range 0.5 - 2 bar Accuracy ± 10 mbar
<b>Temperature</b>	
In flow channel	Range -10 - 50 °C Accuracy ± 1° C
<b>Additional information</b>	
Gas types	Air, Air/O2, N2
Gas standards	ATP, STP, BTPS-A, CTP (Channel temperature pressure)
Units flow	L/min, ft3/min (cfm/min)
Units volume	L, mL, ft3 (cfm)
Units Pressure	mbar, cmH2O, inH2O, hPa, kPa, Pa, mmHg, PSI
Units Temperature	°C, °F, K
Resistance in flow channel	Range < 20 mbar @ 200 L/min Accuracy < 40 mbar @ 300 L/min
Response time flow	4 ms to 63 % of full scale

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**General Information:**

Power supply	5 V, max 2.5 A, supplied through USB-C
Power consumption	Typical 0.5 W, max. 1 W Battery charging: up to 12.5 W
Battery operation	Typical 10 hours
Weight	350 gram
Dimensions (w × d × h)	20 × 8 × 6 cm
Data storage	USB stick
Display	High resolution touch-screen display 3.5" (480 × 320 px)
Interfaces	USB-A for USB stick, USB-C for power, RJ-10 for remote control
Calibration	Annually
Operating temperature	5 – 40 °C (50 – 104°F)
Operating humidity	10 – 90 % RH non-condensing
Approvals	CE, UKCA, CSA (North America), FCC, IC, IEC 61010-1:2010/ AMD1:2016, IEC 61326-1:2020

Rev 1

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