# Ellutia
**Chromatography Solutions**

# 7000 GC Flowmeter
For GC (Gas Chromatography)

# 7000 GC Flowmeter

## Flow Measurement

Accurate and repeatable gas flow measurements are a crucial part of obtaining good results from your Gas Chromatograph. The new 7000 GC Flowmeter makes gas flow measurement easier and more accurate, helping to eliminate user errors.

The pocket sized 7000 GC Flowmeter is designed and manufactured in the UK. A large OLED display makes reading flows clear and easy, whilst the built in rechargeable battery means the user no longer has to worry about changing dead batteries.

The 7000 GC Flowmeter has a 25 point calibration traceable to UKAS standards, to ensure the level of accuracy required in a professional laboratory. Users are able to set the temperature and pressure of their working environment and the 7000 GC Flowmeter will automatically compensate for these changes from its calibration conditions.
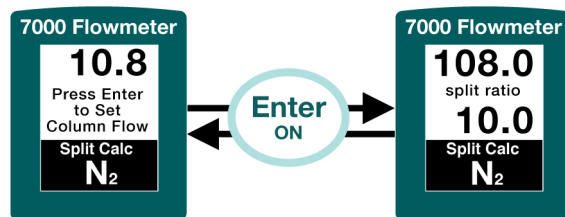
## Designed for Gas Chromatography

The Ellutia 7000 GC Flowmeter provides as standard, measurement of eight gases commonly used in gas chromatography. In addition to the standard flow measurement mode the 7000 GC Flowmeter also features;

### Linear Velocity

The user is able to select their column diameter in the options menu, the linear velocity can then be calculated and displayed. The user can easily switch between standard flow and linear velocity with a single button press.

### Split Flow Calculation

Split flow mode allows the user to measure and store a column flow, the user can then measure the split flow and the 7000 GC Flowmeter displays both the flow rate and the split ratio.

## Specification

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| **Range:** | 0.1 to 500 ml/min (0.1 to 275 ml/min for Carbon Dioxide) |
| **Resolution:** | 0.1 ml/min |
| **Accuracy:** | ±0.4 ml/min or 2.5% of reading |
| **Gases:** | Air, Argon, Argon/5% Methane, Carbon Dioxide, Helium, Hydrogen, Nitrogen, Oxygen |
| **Size:** | 68 x 130 x 30 mm |
| **Weight:** | 150 g |
| **Calibration:** | Annually |
| **Traceability:** | Calibration traceable to UKAS standards |