Restek GC Accessories

Dynamic Duo

Restek's Leak Detector and ProFLOW 6000 Flowmeter

An Unbeatable Combination

RESTEK Pure Chromatography www.restek.com

Restek's Dynamic Duo

Prevent Small Leaks from Causing Big Problems with a Restek Leak Detector

Taking a few minutes to ensure all critical seals in the GC system are leak free prevents costly downtime, waste, and damage. Restek's new electronic leak detector lets you pinpoint small gas leaks quickly and accurately before they cause bigger problems.

Detect a Wide Range of Lab Gases

Easily find leaks for a broad range of common lab gases with confidence. Restek's leak detector helps you locate even low-level leaks of helium, nitrogen, argon, carbon dioxide, and hydrogen.

Ready When You Are

No more waiting for a full charge—unit can be operated during charging or used up to 12 hours between charges.

Flexible Charging Options

New charging kit includes both a USB charging cable and a universal AC power adaptor (U.S., UK, Europe, Australia, Japan) so you can charge anywhere, anytime.

Easy Sampling

Optimized internal flow sweeps the sample path clean, permitting more sensitive detection.

Audible Feedback

You can determine the severity of a leak with an audible tone; no need to look away from the probe to check the LED display.

An Unbeatable Combination!

Order today at **www.restek.com/dynamic-duo**

ProFLOW 6000 Flowmeter

With its wide range of capabilities, the ProFLOW 6000 flowmeter simplifies gas flow measurement in the lab. Real-time measurements can be made for various types of flow paths, including continually changing gas types.

Ease of Use

Ergonomic design and side grips ensure comfortable handheld use; extendable stand makes conversion to benchtop use quick and easy.

NIST-Traceable Calibration

You can rely on accurate calibration over the entire range of measurable flow rates. Recalibration service is also available to support preventative maintenance programs.

Accurate Measurements

More accurate than a bubble flowmeter, the ProFLOW 6000 flowmeter is accurate to ±2% of the flow reading or ±0.2 mL/min, whichever is greater.

Volumetric Flowmeter

Measure the flow rate of any gas, including gas mixtures. Unlike mass flowmeters, this volumetric unit is not limited to a preset list of gases.

Extended Flow Range

Offering a wide range of flow rates, the ProFLOW 6000 flowmeter accurately measures flows from 0.5 mL/min to 500 mL/min.

Dynamic Duo (Restek Leak Detector and ProFLOW 6000 Flowmeter)

Protect your instrument and improve data quality with this powerful pair from Restek. Checking for leaks and verifying flows before you start running help you avoid costly problems later.

Description	Certification	qty.	cat.#
Dynamic Duo Combo Pack (Restek Leak Detector and ProFLOW 6000 Flowmeter)	TBD	kit	22654
Related Products and Accessories			
Leak Detector (includes: carrying case, universal AC power adaptor [U.S., UK, Europe, Australia, Japan], 6-ft USB charging cable)	TBD	ea.	28500
Small Probe Adaptor for Leak Detector		ea.	22658
Restek ProFLOW 6000 Electronic Flowmeter with Hard-Sided Carrying Case	CE, Ex, WEEE, RoHS 2, China RoHS 2	ea.	22656
Soft-Sided Storage Case for Leak Detector or ProFLOW 6000 Flowmeter		ea.	22657
Charging Kit (includes: 6-ft USB charging cable and universal AC power adaptor [U.S., UK, Europe, Australia, Japan])		kit	28502
6-ft USB charging cable		ea.	28501

Restek's New Leak Detector

Redesigned and better than ever, our new leak detector is an essential tool for troubleshooting and routine maintenance of your gas chromatograph. Don't risk damaging your system or losing sensitivity; check for leaks often and protect your GC column and instrument with a Restek leak detector!

Leak Detector Specifications

Detectable Gases: Helium, nitrogen, argon, carbon dioxide, hydrogen*
Battery: Rechargeable nickel-metal hydride (NiMH) internal battery pack (12 hours normal operation)
Ambient Temperature: 50–98.6 °F (10–37 °C)
Humidity Range: 0–97%
Warranty: One year
Certifications: CE (EU, Korea, Japan, Australia)
Compliance: WEEE, CEC, China RoHS 2
Indoor Use Only

Limits of Detection

These gases can be detected with the Restek electronic leak detector at the following leak rates:

Minimum Detectable Gas Limits and Indicating LED Color:
Helium, 1.0 x 10^{-5}, red LED
Hydrogen*, 1.0 x 10^{-5}, red LED
Nitrogen, 1.4 x 10^{-3}, yellow LED
Argon, 1.0 x 10^{-4}, yellow LED
Carbon dioxide, 1.0 x 10^{-4}, yellow LED

Gas detection limits measured in atm cc/sec.

Avoid using liquid leak detectors on a GC! Liquids can be drawn into the system and/or into the leak detector.

*Caution: The Restek electronic leak detector should only be used to detect trace amounts of hydrogen in a noncombustible environment. It is NOT designed for determining leaks in a combustible environment. A combustible gas detector should be used for determining combustible gas leaks under any condition. When using it to detect hydrogen, the Restek electronic leak detector may only be used for determining trace amounts in a GC environment.

ProFLOW 6000 Flowmeter

With its wide range of capabilities, the ProFLOW 6000 flowmeter simplifies gas flow measurement in the lab. Real-time measurements can be made for various types of flow paths, including continually changing gas types.

Flowmeter Specifications:

Type of Flowmeter: Volumetric
Battery: 2-AA
Operating Temp. Range: 32–120 °F (0–48 °C)
Warranty: One-year warranty (excludes recalibration)
Certifications: CE, Ex
Compliance: WEEE, RoHS 2, China RoHS 2
Patented

Optional Accessories

22657

Soft-Side Carry/Storage Case
Ideal for storing your leak detector or flowmeter in smaller spaces such as a tool box.

22658

Small Probe Adaptor for Leak Detector
Verify hard-to-reach leaks using the small probe adaptor.

Order today at **www.restek.com**

RESTEK
Pure Chromatography

Questions? Contact us or your local Restek representative (www.restek.com/contact-us).

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