



FOR IMMEDIATE RELEASE:

Sierra's d·flux Delivers Revolutionary Performance

New Multiparameter Mass Flow Meter and Controller for Gases

January 31, 2025 – Monterey, California – [Sierra Instruments](#), Globally Headquartered in Monterey, is excited to announce the launch of their new [d·flux mass flow meter and controller](#) for higher flows.

From labs to industrial facilities, the new d·flux exceeds the demands of end users. Now, make fast and accurate changes between pure gas or gas mixes with no loss in accuracy. The d·flux is a multiparameter mass flow device that provides precise measurement outputs for five process variables (mass flow, volumetric flow, temperature, pressure, and density). It relies on true physical calculations from advanced computations to deliver the flow data you rely on.

"The d·flux represents Sierra's commitment to deliver products that address markets and the applications our customers expect us. We are excited about launching the new d·flux that measures multiple parameters during gas flow measurement and control, making it ideal for our customers' applications," states Robert Cid, Director of Product Marketing.

The [d·flux](#) features accuracy of up to +/-0.3% of user full scale and +/-0.5% of measured value, the ability to measure and control flow rates up to 1508 slpm, and sensor stability with less than 0.2% of measured value/year after tare. It also includes state-of-the-art digital communications (Modbus & analog output, optional Profinet or EtherCAT) and IP54. Its multigas capability allows you to pre-program up to 15 gases or gas mixtures. It offers users five sensor options to provide greater flexibility and economy for a wide range of gas flow applications.

The d·flux's proven precision gas control and robust capabilities make it an ideal choice for various applications, including hydrogen production, biopharmaceutical production, carbon capture and storage, gas injection, and more.

-MORE-

NORTH AMERICA
20 Ryan Ranch Road, Suite 109 / Monterey, CA 93940
800.866.0200 / 831.373.0200
www.sierrainstruments.com

EMEA
Bijlmansweid 2
1934RE Egmond aan den Hoef
The Netherlands
+31 72 5071400

ASIA-PACIFIC
Second Floor Building 5, Senpu Industrial Park
25 Hangdu Road Hangtoun Town
Pu Dong New District
Shanghai, P.R. China 200122
+8621 5879 8521/22



d·flux's user-friendly Bluetooth app, Sierra Flow Connector, is free from Google Play. The app allows you to quickly and securely connect to d·flux with your Android mobile device to create and edit profiles (a set of settings). While operating in the field, you can adjust flow range and dynamic range, filter settings, alarms and warnings, and an assortment of other critical parameters.

Sierra. Measurably Different.™

For over 50 years, Sierra has been a global pioneer in the design and manufacturing of flow instruments you can trust. We provide accurate and efficient solutions that control industrial processes, regulate oil and gas to minimize greenhouse gases, convert waste to energy, deliver life-saving medicine, and create silicon chips that enable advanced technology. With over 150 locations in over 50 countries, Sierra provides innovative products and services where and when needed. Visit sierrainstruments.com.

Learn more about d·flux today: <https://www.sierrainstruments.com/products/dflux.html>

###

NORTH AMERICA

20 Ryan Ranch Road, Suite 109 / Monterey, CA 93940
800.866.0200 / 831.373.0200
www.sierrainstruments.com

EMEA

Bijlmansweid 2
1934RE Egmond aan den Hoef
The Netherlands
+31 72 5071400

ASIA-PACIFIC

Second Floor Building 5, Senpu Industrial Park
25 Hangdu Road Hangtougou Town
Pu Dong New District
Shanghai, P.R. China 200122
+8621 5879 8521/22