

DryCal Flex System

The DryCal Flex System provides a platform to operate any combination of DryCal-800 flow cells allowing the user to calibrate up to four Mass Flow Controllers or Mass Flow Meters simultaneously.

- Increase Calibration and/or Manufacturing Productivity & Efficiency
- Reduce Employee Downtime



DryCal Flex System Base



DryCal Flex System Base with flow cells
(cells sold separately)

If desired, the DryCal Flex System can be integrated into any customized calibration software using the Flex System's communication protocol.

The DryCal Flex System includes Mesa's unique and easy-to-use software interface, DryCal Pro Flex which can be utilized for controlling and logging all of your flow measurement data in real-time. Control all four flow cells via an RS-232 connection and quickly export the data to any calibration template in a Microsoft environment for customized reporting.

DryCal Pro Flex Software Features

- Real-time data logging
- Real-time graphing of all measurements
- Quickly program display option, data acquisition mode, units of measure & standard temperatures
- Control all four cells simultaneously or individually
- Data exporting functionality & customized reporting
- Built in user "Help" file
- Programmable communication protocols
- ODBC data base connectivity
- RS-232 serial connection

DryCal Flex System Specifications

Weight:	12 lbs
Footprint (H x W x D)	2 x 24 x 10 in. / 50 x 600 x 250 mm
AC Adapter/Charger:	6V DC, > 4.0 A, center positive, North American standard
Data Port:	4 Serial (RS-232) connections
Warranty:	Product 1 year

DryCal 800 Flow Cells

Model	Flow Range*	Accuracy Standardized	Accuracy Volumetric
DryCal 800-3**	0.5-50 scc/min	±0.25%	±0.25% plus .002 sccm
DryCal 800-10	5-500 scc/min	±0.15%	±0.15%
DryCal 800-24	50-5,000 scc/min	±0.15%	±0.15%
DryCal 800-44	500-50,000 scc/min	±0.15%	±0.15%
DryCal 800-75***	1-100 slm	±0.15%	±0.15%

Accuracy is stated as a percent of reading (including standardization, if applicable).

CE-Compliant

*At gas pressure of 760 mmHg, and a gas temperature of 25° Centigrade with Standardization temperature set to 0° Centigrade.

**DryCal 800-3 is only compatible with DryCal 800 Bases loaded with a firmware release of 2.07 or higher.

***DryCal 800-75 is only compatible with DryCal 800 Bases loaded with a firmware release of 2.10 or higher.

DryCal 800 cells are sold separately from the DryCal Flex System.



NVLAP Lab Code 200661-0



Mesa's Butler, N.J. manufacturing facility (pictured above) is our NVLAP accredited ISO 17025 laboratory.