

## Mesa Met Lab® Flex System

The ML Flex System provides a platform to operate any combination of ML-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



ML Flex System Base



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

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

The ML 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

## Met Lab Flex System Specifications

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

## Mesa Met Lab® ML-800 Flow Cells

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

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

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

***ML-800 cells are sold separately from the ML Flex System.***



NVLAP Lab Code 200661-0



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