

# Meticulously Measure, Confidently Calibrate

Gas Flow Calibration Solutions



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 **MesaLabs**

The **DryCal 800** primary standards provide a **cost-effective, simple-to-use** means of calibrating gas flow instruments while maintaining defensible, direct traceability to NIST.



#### Why The DryCal Metrology Series?

- + Highly accurate. The DryCal Metrology Series has a wide range of flows, including ultra-low flow applications. With a flow range of 0.5 sccm to 1500 slpm, it is more than 4x more accurate than most mass flow controllers, giving you the ability to calibrate with confidence.
- + Dedicated Support. Mesa has dedicated pre- and post-application Sales Application Engineers available to help you pick the flow standard that's right for you. Just give us a call.
- + Get started in no time. DryCal's Metrology Series simple touch screen operation and instant gas flow measurements require little user training and minimize user-interpretation - which means that multiple staff members can step in and perform precise calibrations at any time.

Save time and money while calibrating your own Mass Flow Controllers

# Get to Know The DryCal 800

## FLEXIBLE

DryCal 800 consists of a base with touchscreen and interchangeable cells to allow you to customize the standard for your specific needs.

## PORTABLE

Small and Lightweight so that you can easily change location compared to older flow standards.

## ACCURATE

The DryCal 800 has industry-leading accurate flow measurements down to 0.5 sccm.

Model	200-800-3* 50 mLPM	200-800-10 500 mLPM	200-800-24 5 LPM	200-800-44 50 LPM	200-800-75** 100 LPM
Flow Ranges	0.5-50 sccm	5-500 sccm	50-5,000 sccm	500-50,000 sccm	1-100 slm
Standardized Accuracy	+/-0.25% +/-0.002 sccm	+/-0.15%	+/-0.15%	+/-0.15	+/-0.15%
Time Per Reading	1-60 seconds	3-135 seconds	3-90 seconds	1-35 seconds	1-50 seconds
Weight	80oz / 2300g	85.1oz / 2412.5g	86oz / 2439.3g	88.4oz / 2507g	160oz / 4535g

## HAVE QUESTIONS?

Contact your Mesa Representative today at 303.987.8000

## DryCal 800 Service from Mesa Labs

All calibration equipment needs periodic maintenance and calibration to ensure accuracy and traceability to comply with industry regulations and best practices. As the manufacturer of the DryCal 800, Mesa Labs is the only laboratory in North America that can repair and adjust the instrument if needed.

### Why Choose Mesa?

- + ISO-17025 lab accredited by NVLAP of NIST
- + Our lab standards are accredited to an industry-leading accuracy of 0.08%
- + Highly-trained technicians fully refurbish instruments as needed
- + Standard turnaround of 2 weeks with expedite options available
- + Protect your investment by having it serviced by the experts at Mesa Labs

### Ordering Information

Part # 200-800-DCB:	DryCal 800 Base
Part # 200-800-3:	DryCal 800 Ultra Low Cell
Part # 200-800-10:	DryCal 800 Low Cell
Part # 200-800-24:	DryCal 800 Medium Cell
Part # 200-800-44:	DryCal 800 High Cell
Part # 200-800-75:	DryCal 800 Ultra High Cell

### Can't be without your DryCal 800?

We have **rentals available** while your instrument is in service.



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