

Introducing the Defender 530+



Mesa Labs is pleased to announce the upcoming release of the new Defender 530+! The Defender 530+ is designed for easy, on-the-go gas flow calibrations, with unparalleled accuracy at 0.75% volumetric accuracy of reading. The Defender 530+ represents the next generation of our proven DryCal® technology, developed specifically for critical industrial and environmental applications.



Features Included:

- 1/4" ID Swagelok® compression fittings
- RS-232 interface
- Standardized accuracy of 1% of reading
- MFC gas sensor factor for calibration of alternate gases other than clean air and N₂
- Easy push button interface

The Defender 530+ will continue to provide the high-precision and durable performance that you expect from the entire DryCal product line.

		Defender 530+ L Low Flow	Defender 530+ M Medium Flow	Defender 530+ H High Flow
Model and Flow Ranges		5-500 sccm	50-5,000 sccm	300-30,000 sccm
Volumetric Accuracy		0.75%	0.75%	0.75%
Standardized Accuracy		1%	1%	1%
User Selectable Measurement Units	Volumetric	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min
	Standardized	smL/min, sL/min, scc/min, scf/min	smL/min, sL/min, scc/min, scf/min	smL/min, sL/min, scc/min, scf/min
	Temperature	°C °F	°C °F	°C °F
	Pressure	mmHg, PSI, kPa	mmHg, PSI, kPa	mmHg, PSI, kPa
Temperature and Pressure Sensor		Yes, in flow stream	Yes, in flow stream	Yes, in flow stream
Pressure Accuracy		± 3.5 mmHg (typical) ± 7.0 mm (max)	± 3.5 mmHg (typical) ± 7.0 mm (max)	± 3.5 mmHg (typical) ± 7.0 mm (max)
Temperature Accuracy		± 0.8 °C (typical) ± 1.3 °C (max)	± 0.8 °C (typical) ± 1.3 °C (max)	± 0.8 °C (typical) ± 1.3 °C (max)

DryCal Advantage:

- Reliable – Over 20 years of proven DryCal Technology
- Traceable – NVLAP-accredited, ISO 17025, ANSI Z-540, NIST Handbook 150
- Flexible – Portable, modular design with integrated software
- Convenient – simple, dry operation that requires no mercury or other liquids

The Defender 530+ will be available on **January 16th, 2017**. If you have any additional questions regarding the newest member of the DryCal family, feel free to contact a representative at csbutler@mesalabs.com or by calling 973-492-8400.

The Mesa team looks forward to continuing to meet all of your flow calibration needs.