

# EZ DriftCal™

## Portable Anemometer

*Real time data means more time at the face.*



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# Breeze Through Ventilation Surveys

The **EZ DriftCal™ Portable Anemometer** is an essential tool for mine ventilation surveys and calibrating Maestro's airflow sensors. Featuring a large 4-inch vane, this compact device ensures precise airflow measurements for accurate readings every time.

Designed to withstand the demands of underground environments, the EZ DriftCal™ accurately measures both airflow rate and temperature. Its intelligent design, coupled with a free app available on iOS and Android, allows ventilation technicians to effortlessly pre-configure survey locations and measurement areas.

In addition to capturing airflow velocity, volumetric flow, temperature, date, time, and technician details, the EZ DriftCal™ integrates photographs directly into the report. The software generates comprehensive survey reports in real-time, available in both PDF and Excel formats, complete with data averages and graphical representations.

For easy transport, the EZ Extend™ pole can be shortened to fit conveniently into a cage or personnel vehicle, while the durable carrying case protects both the EZ DriftCal™ and EZ Holder™ from potential damage.

Effortlessly measure flow velocity and volume with pinpoint precision.





# Powerful Performance in a Compact Design

Rugged Housing for  
Long-Lasting Performance



**1** Large 4" Vane

**2** Battery indicator

**3** Parameter 1, selected unit

**4** Parameter 1, Measured value display

**5** Parameter 2, selected unit

**6** Parameter 2, Measured value display

**7** Bluetooth® /  
◀ key

**8** Print / ▶ key

**9** On/Off / MODE/  
END key

**10** Illumination/MENU /  
ENTER key



**11** Battery compartment




**12** EZ Holder™



**13** Hard case

# Smart App Bluetooth Connectivity

EZ sync via Bluetooth™ with the EZ DriftCal™ Smart App 

Speed up, Simplify and Develop Accurate Ventilation Surveys by:

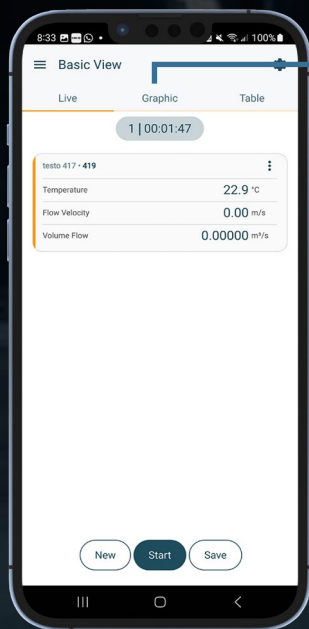
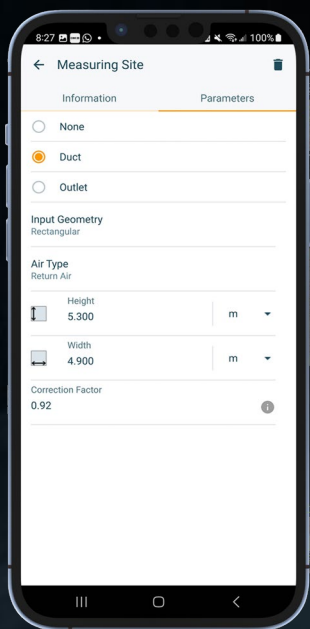
Seamless integration with your workflow—track, store, and manage data effortlessly.

Simple, intuitive menus provide optimal support for configuring measurements in a variety of use cases.

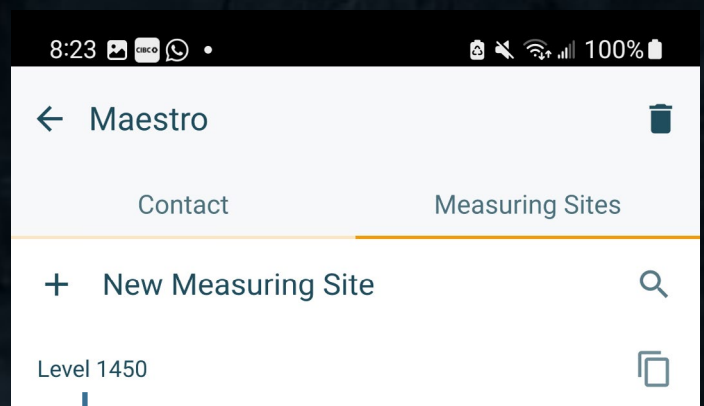
Quickly interpret results with clear, easy-to-read graphs and tables.

Generate measurement reports with photos, export as PDF/CSV files, and send via email directly from the app.

- ❁ Eliminating manual entries and data errors.
- ❁ Predefining routes, locations and areas.
- ❁ Automating into Deswik level drawings.
- ❁ Turning time and date stamped data into reports.
- ❁ Adding photographs and notes for corrective action.



Switch between multiple views for deeper data insights



Save level specific data!

# Technical Specifications

<b>Velocity Measurement</b>	Measuring range	0.3 to 20 m/s (+59.1 to 3937 fpm)
	Accuracy	± 0.1 m/s + 1.5% of measuring value. ±0.5 °C (±19.7 fpm + 1.5 % of mv)
	Resolution	0.01 m/s (0.01 fpm)
<b>Volumetric Measurement</b>	Measuring range	0 to 99,999 m <sup>3</sup> /h (0 to 58,857 CFM)
	Resolution	0.1 m <sup>3</sup> /h (0 to 100 m <sup>3</sup> /h); 1 m <sup>3</sup> /h (remaining measuring range) 0.1 CFM (0 to 58.8 CFM); 1 CFM (remaining measuring range)
<b>Temperature Measurement</b>	Measuring range	0° to 50° C (32° to 122° F).
	Accuracy	± 0.5° C (0.9° F)
	Resolution	0.1° C (0.1° F)
<b>General Technical Data</b>	Max. operating altitude	≤ 2000 m above sea level (≤ 2000 m)
	Operating temperature	-20 to +50 °C (-4° to 122° F)
	Storage temperature	-20 to +50 °C (-4° to 122° F)
	Battery Type	3 x AA
	Battery life	> 50 h
	Dimensions	236 x 108 x 45 mm (9.3 x 4.3 x 1.8 in)
	Weight	243 g (0.54 lbs)
	Protection class	IP 40; vane: IP20
	Housing material	ABS + PC / TPE

## **\*EZ Extend™ Pole and EZ Holder™**

The EZ DriftCal™ is added to the end of an extension pole to allow the technician the ability to traverse the entire drift cross section.



**EXT1 = 38" to 70"**



**EXT2 = 63" to 106"**



# The Maestro Ecosystem



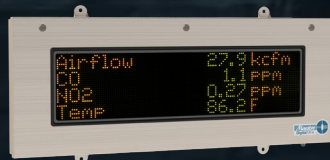
**Vigilante AQS™**  
Air Quality Stations



DustMon **PM™**



**Plexus PowerNet™**



SuperBrite™  
**Marquee Display**

For more information on the Maestro ecosystem visit [maestrodigitalmine.com](http://maestrodigitalmine.com)



We make the  
**complex simple**

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MDM1009-0924EN