Aqua-Magnetics

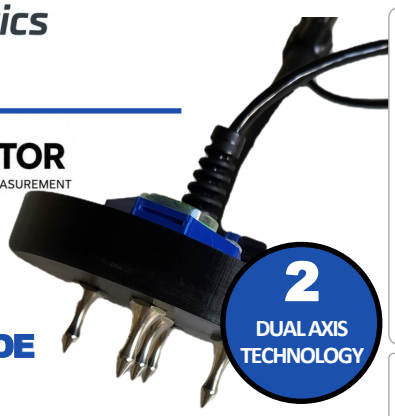
FLO-DETECTOR

DUAL AXIS SURFACE VELOCITY MEASUREMENT

VECTORSENSE

MEASURE WITH CONFIDENCE

QUICK START GUIDE



GET STARTED IN MINUTES

1 POWER ON

Install a freshly charged battery into the battery port

Press the power switch to ON

After a few seconds, the ECU (electronics control unit) will broadcast a WiFi network

2 CONNECT

Connect phone Wi-Fi to Flo-Detector WiFi network

FLO-VIEW
FLOW DATA AT A GLANCE

Start browser and navigate to http://192.168.3.1

Flo-View will launch

3 VERIFY

Make sure all components are untangled and ready for a safe deployment

Follow any and all applicable safety procedures

Make sure your smartphone is securely fastened to the supplied phone holder

4 MEASURE

Place the sensor in the desired flow to be monitored. Make sure the sensor is level (see integrated bubble level). Submerge the electrodes approximately 1/2", just below the surface. Hold the sensor in place and steady to obtain optimal readings

5 VIEW

View live data from your measurement

PRECISION TOW
CALIBRATION YOU CAN TRUST

ANNUAL CALIBRATIONS PERFORMED AT OUR TOWING FACILITY
SEE CALIBRATION CERTIFICATE FOR NEXT DUE DATE

MEASUREMENT TIPS

POSITION
Submerge the electrodes just below the surface (1/4" - 1/2")

ORIENTATION
Keep the sensor level. View the leveling bubble

STABILITY
Hold the probe steady and allow the readings to stabilize

AVOID INTERFERENCE
Avoid turbulence, vortices, and obstructions

TEMPERATURE
Avoid extreme tempera-tures

FLO-VIEW APP OVERVIEW

VELOCITY
Real-time velocity regardless of sensor rotational position

X AXIS
Velocity reading from X axis

ANGLE
Calculated sensor rotational angle

Y AXIS
Velocity reading from Y axis

SETUP
Select for units, and data filtering options

QUICK SPECIFICATIONS

Measurement Type	Dual-Axis Velocity
Velocity Range	0-20 ft/s (0-6.10 m/s)
Accuracy	+/- 2% of reading
Resolution	0.01 ft/s
Electrode Type	1" stainless steel
Communication	Wi-Fi Direct
Power	12v DeWalt compatible

WHAT'S IN THE CARRYING BAG?

1. FLO-DETECTOR SENSOR ATTACHED TO THE TELESCOPING POLE WITH ARMREST AND SMARTPHONE HOLDER.
2. 2 12V DC DEWALT COMPATIBLE BATTERIES AND 1 CHARGER
3. ECU (ELECTRONICS CONTROL UNIT) ATTACHED TO SENSOR.
4. QUICK START GUIDE AND CALIBRATION CERETIFICATE

TROUBLESHOOTING

No Connection	Unstable Readings	Low Signal Quality	No Power
Is Smartphone Wi-Fi On?	Check Electrode Depth (1/4" - 1/2")	Clean Electrodes	Change the Battery
Is Wi-Fi Connected?	Hold Probe Steady & Level	Ensure Good Contact with Water	Check Battery Charger
Cycle Power on Unit	Avoid Turbulence and Obstructions	Perform Sensor Zero	Contact Customer Support

Aqua-Magnetics
www.aqua-magnetics.com
info@aqua-magnetics.com

VIEW OPERATOR'S MANUAL

DESIGNED MANUFACTURED CALIBRATED IN THE USA

PRECISION INNOVATION EXPERIENCE

 FD-QSG-REV A

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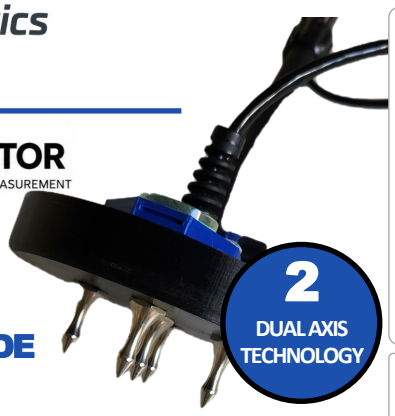

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