SoundWater

Quick Start Guide

Welcome to SoundWater Cypress[™].

This guide shows you how to download the Orcas app and helps you set it up and connect to the Cypress Flowmeter to start taking measurements.



Let's get started

Begin by wiring power-use the wire color codes shown below (for your supplied connecting cable). After your flowmeter is powered, download the SoundWater Orcas app to your Bluetooth enabled iOS™ or Android[™] mobile device from the App Store[™] or Google Plav[™].





Vnits

Togale between metric and Imperial units of measure. Select Flow Rate. Volume, and Velocity from our pre-loaded parameter values

Pipe and liquid parameter selection and input screens











Drag and drop the measurement types that you rely on most to display on the main screen.

Pipe & Liner

Select Pipe Type, Size and Wall Thickness from our pre-loaded library. If you don't see your exact pipe type, select a similar pipe, size, and wall thickness. Then, at the bottom of the screen, you may manually edit the pipe dimensions to your specific configuration.



Select a Liquid Type from preloaded values.



Select the Outputs menu to setup any optional hardware outputs such as MODBUS, 4-20 mA, and pulse outputs.

The image above displays the MODBUS RTU setup options.

Parameters all set! Now set your transducer spacing.

With your location parameters completely defined the app will now show a transducer spacing at the bottom of the screen. Use this value to set the position of transducers on the Cypress flowmeter.

cm in

6



Preparing and mounting the sensor 6 Now the convenient all-in-one design lets you Begin by gently rotating mount the sensor on the pipe in just a few minutes. and retracting the tall Bi-directional readings are transmitted wirelessly to thin silver knobs until your mobile device for display. they stop. SoundWater 3 5 4 Rest the flowmeter on Now thread the provided stainless straps through the pipe—it self aligns! the access ports located on either side of the the transducers firmly against the pipe. flowmeter. Wrap the straps around the pipe and secure with a socket or flat head driver

Measure flow!

Cover the entire bottom face of each transducer with the coupling gel.

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Refer back to the Orcas App to get your flow measurements.



Rotate the tall thin silver knobs clockwise to press

Support

Email SoundWater Technologies at support@soundwatertech.com or call 1-509-899-7838

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