**Electrical Quick Start Guide**

AC Power w/Pulse & Modbus® (A1S/A2S)

for: iMAG 4700r / AG3000r

253.872.0284  seametrics.com

**Wiring**

**Remote Meter:** Unscrew the user access lid and remove it. Remove the 5 pin screw connector from its socket. Install the wires through the cable port into the 5 pin screw connector in their respective locations. Plug the 5 pin screw connector into its socket. Refer to the complete manual for further details.

**Remote Display:** Remove the 3 screws holding the display assembly and remove it from the meter. Remove the 15 pin screw connector from its bag. Install the wires through the cable port into the 15 pin screw connector in their respective locations. Plug the 15 pin screw connector into its socket. Be sure all pins align properly and that the connector has not slipped to one side. Refer to the complete manual for further details.

**WARNING:** Improper sealing of glands or cables will invalidate any warranty. If plugs or cable glands are removed, reinstall using Teflon pipe sealant, or tape, to ensure maximum moisture protection.

Refer to the **Mechanical Quick Start Guide** or the complete instruction manual for details on mechanical installation.
Menu System

The HOME Screen displays flow volume, direction of flow total and flow RATE along with status conditions such as Empty Pipe. Two buttons below the LCD display are used to access menu screens for viewing and changing meter setup parameters.

These two buttons are light sensors which can detect when a finger is covering them. Only three button touch actions are needed to control navigation through the menus, settings changes and back to the home screen.

**HORIZONTAL SCROLLING:** Tap right-hand button to scroll horizontally through menu tabs or move horizontally within a tab dialog when applicable.

**SELECT:** Tap left-hand button to change a highlighted item within a tab dialog.

**ENTER/EXIT:** Hold left button while tapping right button once to enter or exit a tab dialog or to navigate between the HOME and other menu screens.

Set up the T and R units as follows:

- **T UNIT**
  - View or change TOTAL volume units

- **R UNIT**
  - View or change flow RATE units

**Set P**
View or change pulse output scaling

**DAMP**
View or change # of samples for rolling average.

**Changing Settings**

**T UNIT**

**R UNIT**

**Set P**

**DAMP**

**EXIT**
Return to HOME SCREEN or enter SUBMENU

The EXIT tab in the MAIN MENU has a second function. If you tap five times, you will be redirected to a SUBMENU screen from which you can access additional options.

**INFO:** Meter model, serial number, firmware version

**COMM:** Modbus® baud rate and parity

**MBID:** Modbus® address

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