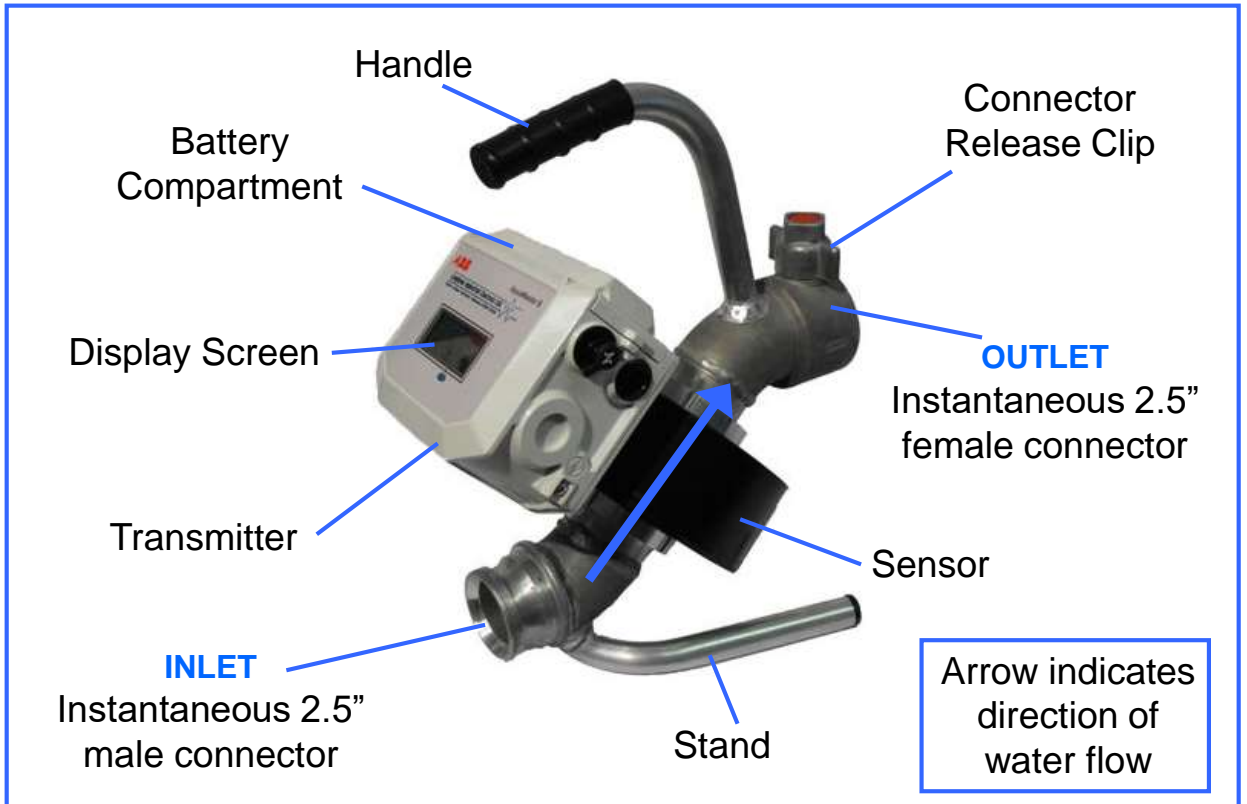




## Horizontal Standpipe Flow Meter QUICK REFERENCE GUIDE



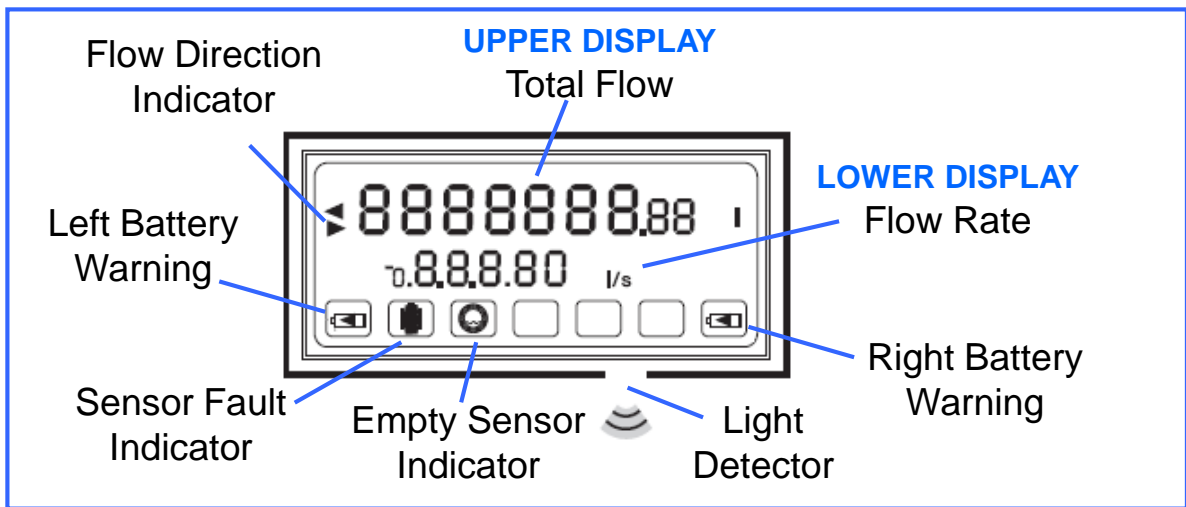
### CONNECTING THE HORIZONTAL FLOW METER

The inlet of the horizontal flow meter can be connected directly to the outlet of a standard Standpipe, a Pillar-style hydrant, or hose.

1. Attach the horizontal flow meter to the flow by securely connecting the **INLET** (male) into a female 2.5" instantaneous coupling.
2. If required, attach a hose into the **OUTLET** (female) end of the flow meter, taking care to ensure that the rubber seal, located in the instantaneous female connector, is in place.
3. Ensure all connections are fully secured before use.
4. The flow meter should always be situated securely prior to filling.
5. To disconnect the Flow meter after use, carefully depressurise the system and then follow the above procedure in reverse.

### BEFORE TAKING A READING

1. The sensor section of the flow meter must be full in order to work.
2. Be sure to open and close all valves slowly so as not to damage the system.



## READING THE METER DISPLAY

1. The meter display is light activated. To switch the display on, briefly cover the whole screen with your hand. Alternatively, if the meter is situated in the dark, shine a light on the screen to activate it. The screen will automatically switch off after a preset time, but the meter will continue reading regardless of whether the display is active.
2. After activating the screen, wait for the flow rate to stabilise before taking a reading to ensure accuracy.
3. The **UPPER DISPLAY** indicates the total flow; the **LOWER DISPLAY** indicates the flow rate (both in units as indicated on the display).
4. In the case of a system error, the relevant warning symbol will appear along the bottom of the screen.

## MAINTENANCE

**Replacing the batteries:** Specialist replacement lithium batteries can be ordered from Langham Industrial Controls Ltd. If one of the battery warning symbols appears, the corresponding cell should be replaced. If both battery warning symbols appear, first change the cell indicated by the steady icon, as the flashing icon indicates the battery currently in use. (Note: the flow meter can run on a single battery). Remove the panel of the battery compartment by loosening the four Phillips-head screws. Replace the cell on the side indicated, taking care not to remove the desiccant pouch from the battery compartment. Securely replace the panel, ensuring that the rubber o-ring is in place to create a water-tight seal and the battery cables are not trapped.

**Technical Support:** For all technical support, maintenance, calibration and spare parts, please contact Langham Industrial Controls Ltd.