# AquaScan

## Salamander Pumps

AquaScan is a digital water multimeter. It combines the technology to measure pressure, flow, temperature, and water hardness indication (via total dissolved solids (TDS) in one unit. Readings are shown on the digital display including peak and live measurements.
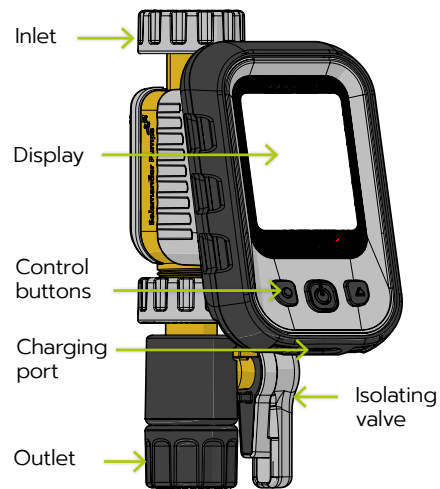
The user can reset the peak readings using the reset button and select between alternative displays using the display button. AquaScan is supplied in a robust storage case with a range of accessories for easy connection to common outlet types. The unit is powered by an integral battery, rechargeable via a USB-C input.
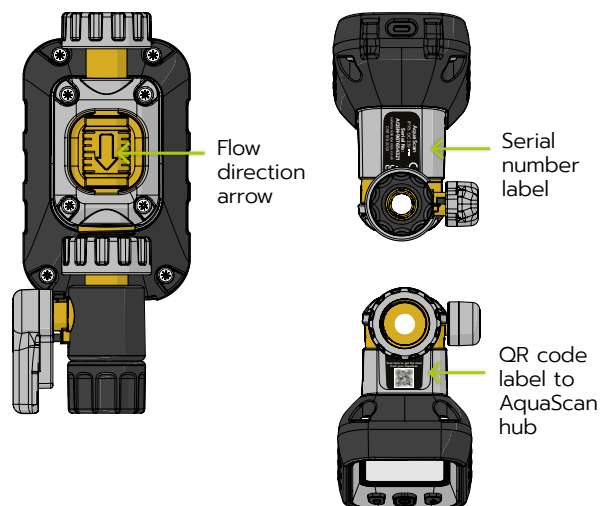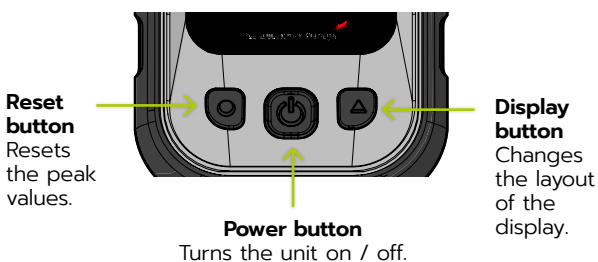


# Features

- 4 measurements in 1 – pressure, flow, temperature and an indication of water hardness via total dissolved solids..
- Digital display allows for precise water measurement.
- Supplied in a robust, hardwearing protective carry case.
- A range of accessories are provided with AquaScan to allow for easy connection to various outlet types, including taps, showers, pipework and hoses.
- Patent pending technology inside.
- Made in the UK.
- 1 year warranty.

## OVERVIEW



Inlet

Display

Control buttons

Charging port

Outlet

Isolating valve

## CONTROL BUTTONS



**Reset button**
Resets the peak values.

**Power button**
Turns the unit on / off.

**Display button**
Changes the layout of the display.



Flow direction arrow

Serial number label

QR code label to AquaScan hub

## DISPLAY

**Display 1 - animated**



Flow rate reading
Indicator of flow
Pressure reading

Battery level indicator
Temperature reading
TDS reading and hardness indication*

**Display 2 - simple**



Flow rate reading
Pressure reading
Temperature reading

Battery level indicator
TDS reading and hardness indication*

**Display 3 - QR code**



Battery level indicator
QR code for further support

* Note TDS value will be "---" and no hardness indication will be shown when there is a flow value as the flow must be static to take a TDS/hardness reading.

# Technical Specification

| Part Number | | | | AQUASCAN |
|---|---|---|---|---|
| **Warranty** | | | | 1 year |
| **Dimensions** | AquaScan with isolation valve (product only) | | Height (mm) | 180 |
| | | | Width (mm) | 125 |
| | | | Depth (mm) | 80 |
| | | | Weight (kg) | 1 |
| | AquaScan including carry case and contents | | Height (mm) | 370 |
| | | | Width (mm) | 300 |
| | | | Depth (mm) | 170 |
| | | | Weight (kg) | 4.2 |
| **Product** | Inlet connection | | | ¾" female thread (brass) |
| | Outlet connection | | | ¾" male thread (brass) |
| | Enclosure protection | | | IPX5 |
| | Active display size | | | W45mm x H55mm |
| | Waterway material | | | Brass waterway |
| | Media | | | Clean, potable water |
| **Electrical** | Nominal voltage type | | | 3.7V |
| | Battery type | | | Lithium Polymer |
| | Battery life (on full charge) | | | approx. 12 hours |
| | Battery charge time (based on 0.5A supply) | | | up to 7 hours |
| | Battery charge voltage | | | 5V |
| | Battery rated capacity | | | 2400mAh |
| | Charging port | | | USB-C |
| | Automatic shut off time | | | 20 mins |
| **Measurement** | Pressure | | Units | Bar |
| | | | Measuring range | 0-10 |
| | | | Accuracy | 1.5% full scale |
| | Flow | | Units | L/min |
| | | | Measuring range | 0-30 |
| | | | Accuracy | 5% of reading |
| | Temperature | | Units | °C |
| | | | Measuring range | 0-85 |
| | | | Accuracy | 1.25% full scale |
| | Total Dissolved Solids (TDS) (hardness indicator) | | Units | PPM |
| | | | Measuring range | 0-1000 |
| | | | Accuracy | 10% of reading |

The company operates a policy of continuous development and reserves the right to change any of the specifications of its products without prior notice. All information data and illustrations given in this leaflet may be subject to variation.