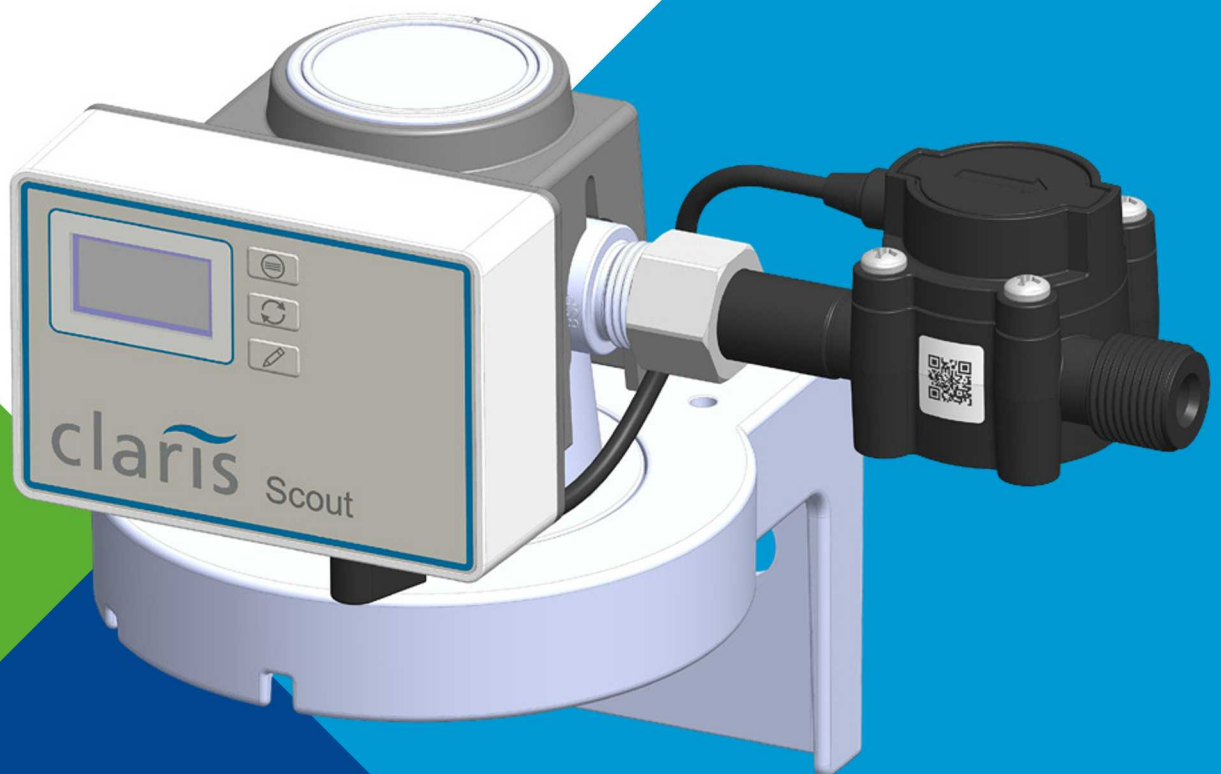


# CLARIS SCOUT FLOWMETER

MONITORING SYSTEM FOR  
FILTER CARTRIDGE SYSTEMS



# TECHNICAL DATA



## APPLICATIONS

- + Vending
- + Hotel
- + Restaurant
- + Cafe

## FEATURES / BENEFITS

The programming and display unit provides the following information:

- + Nominal capacity and remaining filtration capacity of the cartridge.
- + Total filtrate volume since flowmeter installation.
- + Operation time of the last five installed filter cartridges.
- + Filtrate volume of the last five installed filter cartridges.
- + Liters or gallons.
- + Alarm ON-OFF.
- + Current flow rate.

The SCOUT flowmeter has been developed specifically for monitoring water filter cartridges. It is used to measure the amount of filtered water and to display the remaining filter capacity until replacement.

Therefore, the filter-specific nominal-capacity must be entered into the device. If the capacity is exhausted or if the maximum operating time of 12 month is exceeded, the filter cartridge must be replaced. An easy to read active blue led graphic display allows easy operations. The display is on only when needed, ensuring further energy savings. Fitted with 2 AA batteries it ensure long lasting functioning. The flowmeter comes together with a convenient mounting bracket fitting Claris cartridges.

## INSTALLATION TIPS

- + If mounting display to a wall, securely connect the display to the wall using suitable screws or mounting hardware.
- + Shutoff valve must be installed upstream of the filter.
- + Refer to Installation, Operation & Maintenance manual for flowmeter start up and programming.

## OPERATION TIPS

- + Change cartridge when itspre-calculated water volume has been reached or at least once per year.
- + Change cartridges when capacity is reached.

## SIZING

Operating pressure **1 - 8 bar (14,5 - 116 psi)**

Flow rate **15 - 500 Lph (3,96 - 132 gph)**

## SPECIFICATIONS

### SENSOR UNIT

Overall Dimensions **8 x 3,9 x 4,2 cm  
(3,15" H x 1,53" W x 1,65" D)**

Inlet Connection **3/8" BSP F Nut**

Outlet Connection **3/8" BSP M**

Operating Pressure **1 - 8 bar (14,5 - 116 psi)**

Flow rate **15 - 500 Lph (3,96 - 132 gph)**

Pressure Loss **≤ 0,5 bar (≤ 7,3psi)**

Precision **± 5%**  
(horizontal installation)

Water Temperature **4 - 30°C (39 - 86°F)**

Ambient Temperature **4 - 40°C (39 - 104°F)**

Installation Position **Horizontal recommended**

### PROGRAMMING AND DISPLAY UNIT

Overall Dimensions **5 x 7,4 x 170,1 cm  
(1,97" H x 2,95" W x 67" L)**

### GRAPHIC DISPLAY 5 DIGITS ACTIVE LED

Counter **Downwards 99999 to - 9999**

Cable incl. jack plug **1,5 meters / 2,5 mm (59")**

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

## WARRANTY

Everpure Claris water treatment systems by Pentair® are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase.

Everpure replaceable elements (filter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase.

See printed warranty for details. Pentair will provide a copy of the warranty upon request.



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**FILTRATION & PROCESSING SOLUTIONS**

Everpure-Shurflo Europe, Pentair Water Belgium Byba, Industriepark Wolfstee, Toekomstlaan, 30 B-2200 Herentals, Belgium.

Telephone: +32.(0).14.283.500 - Fax: +32.(0).14.283.505

Email: [foodservice.eu@pentair.com](mailto:foodservice.eu@pentair.com)

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