

# CWG CM VAR-15

## The Conductivity meter



### Demineralized Water Fits every recirculating system The combined meter for the cartridge

- ⇒ Adjustable conductivity limit
- ⇒ Dissolved Minerals as TDS
- ⇒ Conductivity in  $\mu\text{S}/\text{cm}$
- ⇒ Flow meter in l/min  
and total volume (after Reset)
- ⇒ Battery-operated
- ⇒ Simple, small, robust

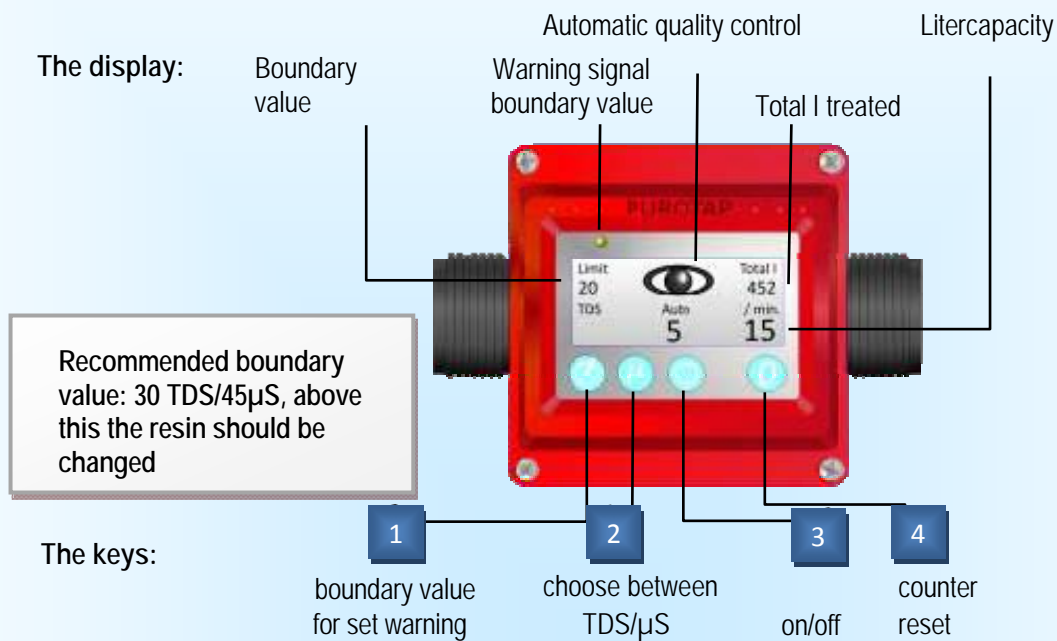


- For all types of cartridges combined
- Monitored desalination is possible
- Allows maximum use of capacity of the ion exchanger

Artikelnummer.	Typ
001.090.120	CM VAR - 15

# Operating the measuring counter

The measuring counter is battery-operated. It measures the flow rate in l/min, the total amount in litres, and the concentration of dissolved minerals either in microsiemens or TDS. In addition, a boundary value can be fixed for the maximum mineral concentration still tolerated in the purified water (outlet of the device). The boundary value and the counter reading can be reset.



1. Each time you touch this key, the boundary value is raised by 10 TDS or by 15µS/cm. Holding down the key for 3 seconds resets the boundary value to zero. Programming the boundary value serves as a warning as to when the ion exchanger resin is exhausted.
2. This key can be used to switch at any time between the TDS unit of measurement (Total Dissolved Solids) and electrical conductivity. Both are used to measure the concentration of dissolved minerals in the water. Most European component manufacturers use the µS/cm unit of measurement (microsiemens).
3. If the ON-key is pressed once then the water quality is measured for 10 seconds and compared with the set boundary value. The measured value is displayed. If it exceeds the boundary value, then the LED will be red. If it is below the boundary value then it will be green for the duration of the measurement. Where necessary, the measurement must be repeated manually.

## Auto-mode:

If the ON-key is pressed a second time, then the measuring counter goes over to automatic monitoring. The symbol for activated monitoring appears (eye). In auto-mode, the counter conducts measurements only when water is also flowing over the counter. If the water abstraction is interrupted then it permanently displays the last measured value. During water abstraction, the counter always re-measures water quality after every 40 liters. If the boundary value is exceeded in two successive measurements, then the display will flash red continuously. The ion exchanger resin is then exhausted and must be replaced. Pressing the ON-key a third time deselected auto-mode.

4. Holding down the reset key for 3 seconds resets the total counter. It is recommended that this be done after every change of resin - this will provide a reference point for the remaining capacity of the ion exchanger resin.

good reasons

- makes the demineralization monitored
- allows maximum capacity use of the ion exchanger
- battery-operated
- simple, small, robust