



Think inside  
the box

# PURELAB® Chorus 1 Life Science\*



## UV Lamp 185/254 nm ELC210

Lifetime expectancy\*\*: 12-18 months  
 What is purified from the water?  
 Purifies TOC, inactivates DNA and RNA  
 Impact of not changing?  
 Uncontrolled bacterial contamination and TOC levels are not reduced.



## Desinfection Cartridge ELC236

Lifetime expectancy\*\*: 12 months  
 What is purified from the water?  
 For the regular disinfection of the water-contacting system parts.  
 Impact of not changing:  
 Biofilms can be produced and lead to permanent microbial impurities. The service life of the consumables decreases, operating costs increase, water quality can be affected.



## DI Pack ELC232 (RO)

ELC244 (SDI) ELC245 (DI) ELC246 (TOC)

Lifetime expectancy\*\*: 12 months

What is purified from the water?

Ions

Impact of not changing:

Weakly bound ions are released back into the water reducing resistivity.



## In-line Filtration ELC151

Lifetime expectancy\*\*: 24 months

What is purified from the water?

Bacteria and microbial by-products such as endotoxins.

Impact of not changing:

Bacterial and endotoxin specification will not be maintained reduced flow rate.



## Point Of Use Filter\*\*\* ELC145

Lifetime expectancy\*\*: 3 months

What is purified from the water?

Particulates and bacteria

Impact of not changing?

Potential recontamination of purified water and reduced flow rates.

\* A combination of treatments and technologies produce the final water specification

\*\* Service life will depend on the application and feed water quality

\*\*\* For DNA, RNA & endotoxin specification at point of use, please use a ELC197 Biofilter

