



Think inside
the box

PURELAB® Chorus 1 Analytic Research*



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



Ultra-Micron Filter ELC109

Lifetime expectancy:** 12 months

What is purified from the water?

Particles & microorganisms

Impact of not changing: Reduced flow-rates and bacterial specification will not be maintained



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

