



Medical

## i3 FIVE

sterile filter



### INTENDED USE & FIELDS OF APPLICATION

The i3 FIVE inline filter is used for the sterile filtration of tap water. It is installed in the inflow pipes of devices and instruments to prevent contamination due to waterborne bacteria such as *Legionella pneumophila*, *Pseudomonas aeruginosa* and mycobacteria. The i3 FIVE filter is used for reliable microfiltration to exclude waterborne pathogens in situations involving high levels of water flow. The bacterial filter is used in settings such as medical device reprocessing (e.g. AERs) and the filling of birth pools.

### FEATURES

Bacterial retention  
as per ASTM F838

Sterile filtration with a nominal  
pore size of 0.2 $\mu$ m (microfiltration)

Duration of use: 50 days  
(7 weeks)

High, stable flow rate  
throughout the period of use

Varied range of uses  
(e.g. in the reprocessing of  
medical devices; in birth pools)

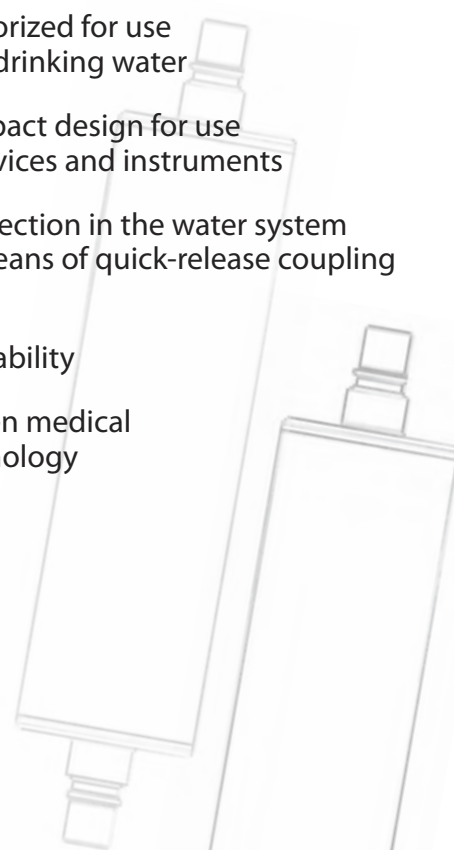
Authorized for use  
with drinking water

Compact design for use  
in devices and instruments

Connection in the water system  
by means of quick-release coupling

Clear  
traceability

Proven medical  
technology





Medical

## TECHNICAL SPECIFICATIONS



### APPLICATIONS

Inline (dental/ENT/reprocessing/etc.)



### FLOW RATE

20 l/min at 5 bar



### AUTHORIZED FOR USE WITH DRINKING WATER

Plastics suitable for use with drinking water as per BS 6920



### DISINFECTION

Can be disinfected by wiping with normal surface disinfectant



### BACTERIAL RETENTION

> 7 log (*Brevundimonas diminuta*) per cm<sup>2</sup> of filter area



### DURATION OF USE

50 days (7 weeks)



### OPERATING TEMPERATURE

60 °C  
(max 70 °C for 30 min)



### SHELF LIFE

5 years



### OPERATING PRESSURE

max 5 bar



### LABELLING

Serial number / DataMatrix Code for documentation of filter changes



### MEMBRANE

i3 high performance flat membrane



### ATTACHMENT

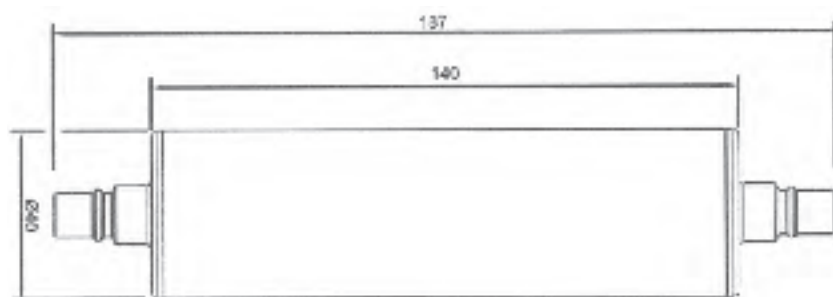
Quick-release fastening is required for installation



### CHLORINE RESISTANCE

≤ 200 ppm active chlorine for 1 hour  
≤ 10 ppm active chlorine for 50 days

## DIMENSIONS (mm)



## ORDER INFORMATION & ACCESSORIES



**i3 FIVE** Inline sterile filter  
2030005 (item no.)



**Packaging units**  
1 pcs



**G1/2"** quick-release coupling (OT)  
2060050 (item no.)



**Other accessories on request**

i3 Membrane GmbH  
Christoph-Seydel-Str. 1  
DE-01454 Radeberg  
Germany

[www.i3membrane.de](http://www.i3membrane.de)  
[info@i3membrane.de](mailto:info@i3membrane.de)  
Tel: +49 (0)40-2576748-0  
Fax: +49 (0)40-2576748-48

Certification of quality management system as per DIN EN ISO 13485:2016



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