



Medical

i3 TWO_{direct}

Sterile filter



The i3 TWO_{direct} point-of-use sterile filter is used in medical settings to prevent infections caused by bacteria such as *Legionella pneumophila*, *Pseudomonas aeruginosa* and mycobacteria. It is used as a shower head for the sterile filtration of piped water. The water filter is used in situations where aerosols are formed and protects immunocompromised and immunosuppressed patients receiving medical treatment in oncological, transplant and intensive care units, and also neonates, from infection due to waterborne pathogens.

Features

- Sterile filtration acc. to ASTM F838-15Ae¹
- 50 days' operation time (7 weeks)
- Bacteriostatic properties of the filter housing over the entire duration of use¹
- Wipe disinfectable filter surface
- CE -marked class I medical device
- Wound rinsing (chronic and postoperative wounds, wounds of severe burn patients)
- Quick and safe installation on the shower hose with screw thread

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Life Science Filtration

¹Measurements acc. to JIS Z 2801/ISO 22196



Medical

Technical data

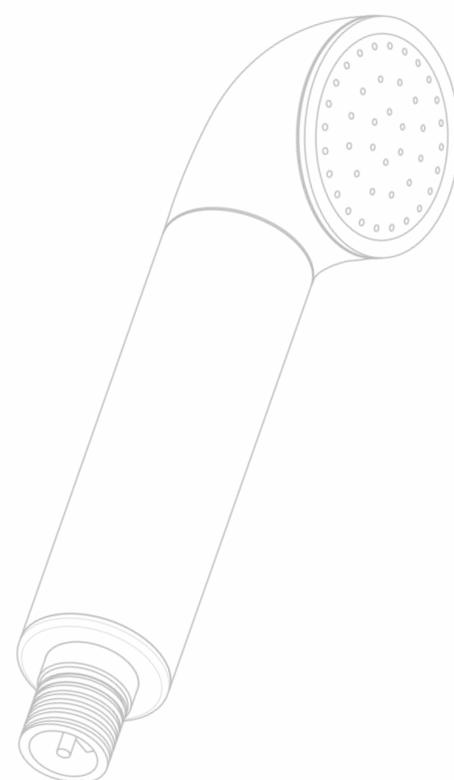
Flow rate	15 l/min at 5 bar (initial)* ¹
Bacteria retention	> 7 log per cm ² (Brev. Dim.)
Retrograde protection	Bakteriostatic features > 4 log <i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> within 24 hours
Disinfection	Cleaning with specified disinfectants* ²
Operating pressure	max 5 bar
Operating temperature	60 °C (max 70 °C over 30 min)
Duration of use	50 days (7 weeks)
Membrane	i3 high performance flat membrane
Pore size of membrane	0.2 µm
Shelf live	max 5 years
Chlorine resistance	Resistant to chemical shock disinfection* ³

*¹: Min 12 l/min over duration of use.

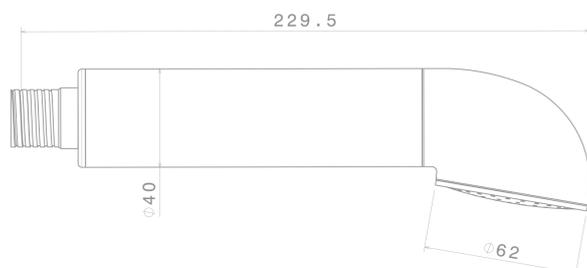
The duration of use may be shorter if water quality is poor.

*²: See disinfectant list www.i3membrane.de/disinfection.

*³: Chlorine resistance: 1 hour ≤ 200 ppm active; 50 days ≤ 10 ppm active chlorine.



Dimensions (mm)



Order information & accessories

i3 TWO direct sterile filter shower	203300 (art. no.)
Packaging units	2 pcs. / 12 pcs.

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Certification of the quality management system according to DIN EN ISO 13485:2016

