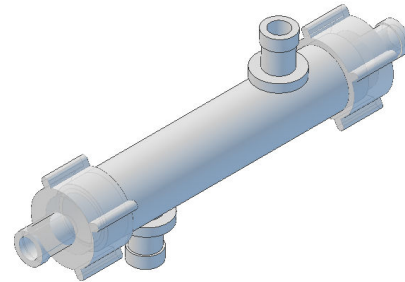
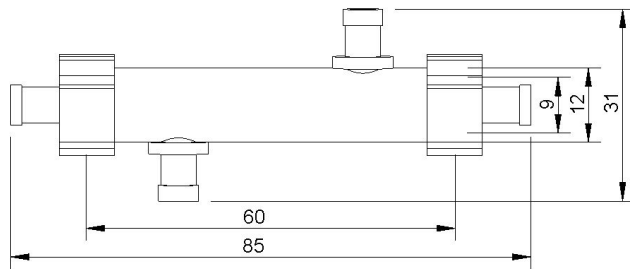


## Ultra S – 20 kDa / PES

Art.-No.: 0510145

### Abstract

Ultrafiltration PES hollow fiber module with 130 cm<sup>2</sup> inner surface area.



### Membrane

Membrane material: PES-HF, Polyethersulfone  
Geometry (ID/OD): 200 µm/ 280 µm  
MWCO / pore size: 20 kDa

### Housing

Housing material: Polycarbonate  
Dimensions: see drawing  
ICS connectors: 2 x Female Luer Connectors (Polycarbonate)  
ECS connectors: 2 x Female Luer Connectors (Polycarbonate)  
Potting material: Polyurethane

### Module

Number of fibers: 465 ± 20  
Package density: ~ 45 %  
Active fiber length: 45 ± 2 mm  
Inner surface area: 130 ± 8 cm<sup>2</sup>  
Outer surface area: 180 ± 8 cm<sup>2</sup>  
Intra capillary volume: ~ 0.9 ml  
Extra capillary volume: ~ 1.6 ml  
Max. operating pressure: 1 bar

### Miscellaneous

Quality control: 100 % Integrity tested (housing + fiber)  
Packaging: On customer request  
Gamma Irradiation (25-40kGy): On customer request

### Cautions

Storing: dry, between 5 – 40 °C  
Operating Temperature: 5 – 40 °C  
Recommended operation time: max. 30 days  
Application: single use, not for re-sterilization