

C 2025

Abstract

MC2025 Cartridge with 50% package density, PVDF membrane and 1.5 m tubing system.

Membrane

Membrane material: PVDF
Geometry (ID/OD): 700 µm/ 1260 µm

Housing

Housing material: Polycarbonate
Length: 120 mm
Geometry (ID/OD): 9 mm/ 12 mm
ICS connectors: 2 x Male large bore connectors (Polycarbonate)
ECS connectors: 2 x Barb connectors for silicon tubing (Polycarbonate)
Potting material: Polyurethane

Module

Number of fibres: 20
Package density: ~ 39%
Active fiber length: 100 ± 2 mm
Inner surface area: 40 ± 1 cm²
Outer surface area: 80 ± 2 cm²
Intra capillary volume: ~ 1 ml
Extra capillary volume: ~ 3.9 ml
Tubing: 1.5 m

Test

Housing integrity (I-Test) - passed/failed
Leak test of the fiber - passed /failed

Cautions

Packaging: single side sealed bag, double bagged
Sterilization: γ -irradiation
Storing: dry, between 5 – 40 °C
Operating Temperature: 5 – 40 °C