

Hemocor HPH® Hemoconcentrators

To control hemodilution during cardiopulmonary bypass surgery.

Features

Low prime volume

No-rinse filter

Gentle ultrafiltration rates

Low pressure drop



Specification

Hemacor® HPH Hemoconcentrators

Membrane material	Polysulfone				
Molecular weight cut-off	65,000 Daltons				
Maximum transmembrane pressure	500 mmHg (66.5 kPa)				
Fiber internal diameter	HPH MINI: 620 microns All others: 200 microns				
	HPH JR.	HPH MINI	HPH 400	HPH 700	HPH 1000
Prime volume	8 mL	14 mL	34 mL	56 mL	84 mL
Pressure drop	55 ⁴ mmHg	30 mmHg	61 mmHg	142 mmHg	85 mmHg
Overall unit length	5.9" (15.0 cm)	5.9" (15.0 cm)	5.4" (13.8 cm)	10.0" (25. cm)	10.0" (25.3 cm)
Internal unit diameter	1.0" (2.5 cm)	1.0" (2.5 cm)	1.2" (3.0 cm)	1.3" (3.2 cm)	1.3" (3.2 cm)
Blood:	Male luer	Male luer	1/4" (6.4 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)
Filtrate:	Female luer	Female luer	1/4" (6.4 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)
Tubing connections	Luer lock (Accessory connector package supplied with each unit includes: female luer to 1/4" barb [2]: female luer to 3/16" barb [2]: male luer to 1/4" barb [1].)				
<i>(In vitro test results with bovine blood, end-to-end pressure drop, inlet conditions: Hc = 25% total protein = 5g/dl, temp = 37°C, Qb = 200mL/min, TMP = 200 mmHg)</i>					

⁴ In vitro test results with bovine blood, end-to-end pressure drop, inlet conditions:
Hct = 32%, total protein = 6.0 gm/d., temp = 37°C, Qb = 50 ml/min, TMP = 100 mmHg.