



Medical

BLOOD FILTRATION TECHNOLOGY

Pall AL3

Arterial Blood Filter for Paediatric Use

Features

- Very low prime volume 28 mL
- Low pressure drop
- Flow rate up to 3 L/min
- Clinically proven 40 µm lock-woven polyester screen filter
- 175 cm² filter area using Pall patented Ultipleat technology
- Non-turbulent tangential flow path
- All parts optically clear
- Easy prime technology
- No potting resins or adhesives
- Port design allows connection to 3/16" or 1/4" tubing

Benefits

- Reduces prime volume and exposure to foreign surfaces
- Very easy to prime and debubble
- Minimal blood trauma



The World's Smallest Paediatric
Arterial Blood Filter

Filtration. Separation. Solution.SM



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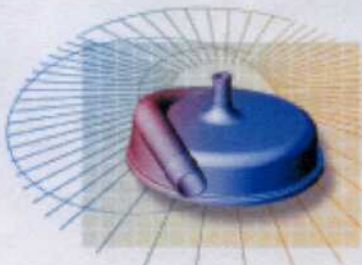
Key design aspects include:

- Clinically proven 40 µm lock-woven polyester screen filter*.
- Computational Fluid Dynamics (CFD) and Magnetic Resonance Imaging (MRI) technologies have been employed to develop a non-turbulent tangential flow path reducing rheological stress and potential blood damage.
- Computer Aided Design (CAD) has been used to:
 - i. make the filter as easy to prime and debubble as possible.
 - ii. reduce prime volume as low as possible (28 mL).
- Constructed totally from optically clear material ensuring that the user can confirm that complete debubbling has been achieved.
- Enhanced biocompatibility has been achieved by physical modification of the filter surface.

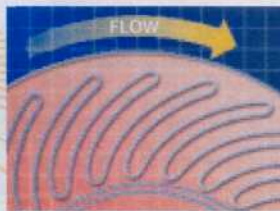
*Data available on request from Pall Medical.

Research and Development

Improved protection - by design



The Pall AL3 filter has been developed utilising CAD, CFD and MRI technologies to significantly enhance overall performance of arterial blood filtration in paediatric extracorporeal use.



The Pall AL3 incorporates patented Ultipleat technology to maximise filter area while minimising filter volume.



Ordering Information

Reorder Code	Description	Packaging
AL3S	Pall AL3 Arterial Blood Filter (sterile)	5 units per case
AL3NS**	Pall AL3 Arterial Blood Filter (non-sterile)	20 units per case
FH1	Filter Holder	1 unit

**This product is sold only as a component.

Manufactured by



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