

Technical Data Sheet

Separation Cassette AK-X

PRODUCT PHOTO



Property	Value
Short Description	The custom-made separation cassettes are designed for a wide variety of filtration applications. They combine a robust construction, flexible configurability, and a tailored, flow-optimised knitted mesh structure for reliable separation efficiency.
Typical Application Area	Custom solutions; Oil and emulsion mist separation; Industrial filtration; Medical technology; Pre-separation; Commercial kitchen technology
Contaminant	Particulate contaminants; Liquid contaminants; Gaseous contaminants
Flow Characteristics	Individually optimisable for defined pressure drop specifications and flexibly adaptable to flow-critical installation situations
Filter Medium	TD - Technical knitted wire mesh Combinations of different knitted wire meshes Woven wire or fibre layers
Wire Material	Metallic materials: Stainless steels High-alloy / corrosion-resistant materials Aluminium alloys Copper Special alloys Non-metallic materials: PP fibre
Wire Diameter	On request
Filter Medium Combinations	Yes
Standard Classification	ISO Coarse
Separation Efficiency	Medium - high
Packing Density	60-400 kg/m³, depending on material selection
Cover Material	Stainless steels High-alloy / corrosion-resistant materials Aluminium alloys Special alloys
Cover	Expanded metal, wave grid, woven wire and/or welded mesh

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Property	Value
Frame Material	1.4301 1.4404 1.4571 AlMg 1 AlMg 3 Others on request
Frame Geometry	Rectangular, round, or other geometry
Frame Design	Individual, depending on geometry
Frame Joining Process	Welded or riveted
Frame Length	Max. 2000 mm
Frame Width	Max. 1000 mm
Frame Height	10-400 mm
Frame Diameter	Freely selectable
Frame Leg Length	Freely selectable
Frame Sheet Thickness	1-5 mm
Surface Finish	Brushed Powder-coated Sandblasted Others on request
Drain Opening	Freely selectable
Number of Drain Openings	Freely selectable
Drain Opening Position	Freely selectable
Handle	Freely selectable
Handle Material	On request
Handle Position	Freely selectable
Handle Mounting	Freely selectable
Laser Engraving	Freely selectable
Snap-in Brackets	Freely selectable
Slide-in Sheets	Freely selectable
Enclosures	Freely selectable
Additional Accessories	Freely selectable
Customisation Level	High

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