

## Particle processors, magnetic, Thermo Scientific KingFisher



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Offers rapid and reproducible purification of high quality DNA, RNA, proteins and cells for various types of downstream applications, due to the transfer of magnetic particles and not liquids.

The KingFisher family comprises three systems, KingFisher, KingFisher mL and KingFisher 96, covering sample volumes from 20µL to 1,000µL.

### Technical Specification - Specific

Model No	KingFisher	KingFisher mL	KingFisher Flex
Volume, µL	20 to 200 (processing)	50 to 1,000 (processing)	20 to 1,000 (96, processing) 200 to 5,000 (24, processing)
No. of samples	24/run	15/run	96 or 24/run
Efficiency	≥99% (collection of particles)	≥95% (collection of particles)	≥95% (collection of particles)
Heating	Ambient, no heating	Ambient, no heating	RT to +115°C (block)
Interface	Serial RS232C port	Serial RS232C port	USB or serial RS232C port
Robot compatibility	No	No	Yes
Dimensions [w x d x h], mm	290 x 290 x 310	290 x 290 x 310	680 x 600 x 380
Mass, kg	10	10	28

### Technical Specification - General

Particle size, µm	ca. >1µm (magnetic)
Electrical supply	230V, 50/60Hz

Catalogue No	Alt. No	Description
<b>IAB-100-010K</b>	5400000	KingFisher, magnetic particle processor
<b>IAB-200-010C</b>	5400050	KingFisher mL, magnetic particle processor
<b>IAB-300-020X</b>	5400610	KingFisher Flex, magnetic particle processor, with 96 PCR head
<b>IAB-300-030L</b>	5400620	KingFisher Flex, magnetic particle processor, with KF head
<b>IAB-300-040Y</b>	5400630	KingFisher Flex, magnetic particle processor, with 96 deep well head
<b>IAB-600-105W</b>	5400640	KingFisher Flex, magnetic particle processor, with 24 deep well head

### Accessories

Catalogue No	Alt. No	Description
<b>IAB-600-110Q</b>	5189009	BindIt software, CD
<b>IAB-200-501G</b>	11273100	KingFisher mL tube tray
<b>IAB-200-502E</b>	24073180	KingFisher mL microtube tray
<b>IAB-300-513X</b>	24074411	KingFisher Flex 96 PCR head and heating block
<b>IAB-300-514M</b>	24074421	KingFisher Flex 96 KF head and heating block
<b>IAB-300-515K</b>	24074431	KingFisher Flex 96 deep well head and heating block
<b>IAB-300-516Y</b>	24074441	KingFisher Flex 24 deep well head and heating block

### Consumables for KingFisher

Catalogue No	Alt. No	Description	Pack qty
<b>IAB-100-502M</b>	97002070	KingFisher tip comb	50
<b>IAB-100-503K</b>	97002080	KingFisher plate, 100µL	50
<b>IAB-100-504Y</b>	97002084	KingFisher plate, 200µL	50
<b>IAB-100-505G</b>	97002090	KingFisher plastics, 100µL, 8 plates (100µL), 8 tip combs/box	8
<b>IAB-100-506E</b>	97002094	KingFisher plastics, 200µL, 8 plates (200µL), 8 tip combs/box	8

### Consumables for KingFisher mL

Catalogue No	Alt. No	Description	Pack qty
<b>IAB-200-503C</b>	97002111	KingFisher mL tip comb	800
<b>IAB-200-504A</b>	97002121	KingFisher mL tubes, inner packs of 20 x 45	900
<b>IAB-200-505V</b>	97002131	KingFisher mL Combi 60, tubes and tip combs for 60 samples	1
<b>IAB-200-506T</b>	97002141	KingFisher mL Combi 240, tubes and tip combs for 240 samples	1

entry continued



Please contact Fisher Scientific to discuss your EU compatible product requirements.