

ThermoFisher

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Thermo Scientific™ KingFisher™ Flex Automatic Magnetic Bead Cell Isolation System

Product Specification Sheet



Thermo Scientific™ KingFisher™ Flex

Automatic Magnetic Bead Cell Isolation System



The Thermo Scientific KingFisher Flex is a versatile benchtop automated extraction instrument that can process 24 samples per run. It offers consistent medium-throughput to high-throughput extraction and purification of cells.

Custom **T-Cell Select™** reagent protocols developed by Oxford Immunotec enable users to quickly and efficiently automate the important peripheral blood mononuclear cell (PBMC) isolation stage of the **T-SPOT®.TB** test. The Thermo Scientific KingFisher Flex uses magnetic rods to transport particles through the various purification phases; mixing, binding, washing and elution.

The Thermo Scientific KingFisher Flex magnetic particle processor has several operational advantages:

- Enables automation of complicated manual steps
- Facilitates collection of bead-bound sample due to the efficiency of the magnet
- Enables a quicker reaction and a more efficient wash due to moving magnetic particles instead of liquids
- No carryover
- No cross contamination



Model	Thermo Scientific KingFisher Flex	
Order Code	KF FLEX 96	
Processing Volume	3.5 mL*	
Sample Quantity	1-24	
Protocols	BindIt Protocol Creation Software (Validated T-Cell Select reagent protocol available)	
External Interfaces	USB or serial RS-232C port	
Operating Conditions	+5 – 40 °C Maximum relative humidity 80 % for temperatures up to 31 °C Altitude up to 2000 m	
Service Information	Gold level service contract available	
Power Consumption	150 VA max.; 55 VA standby	
Dimensions (WxDxH)	680 x 600 x 380 mm	
Heat Dissipation	341 BTU max.	
Weight	28 kg	
Consumables	KFF24_Deep Well Plate (50 pcs) Order code: KFDWPLATE.50	
	KFF24_Tip Combs (50 pcs) Order code: KFTIPCOMB.50	

*Could vary depending on age and immune status