



Aspirators

Aspirators

FTA-1 aspirator with 1L trap flask

FTA-2i advanced aspirator with 2L trap flask and level sensor

FTA-1

Aspirator with trap flask

Designed with a 1L trap flask for routine aspiration of the supernatant alcohol/buffer from the walls of microtubes during DNA/RNA purification and other macromolecule reprecipitation techniques. An ideal personal tool for independent operation away from an in-line lab vacuum supply.

All in one system with integrated pump

Fitted with hydrophobic microbiological filter

Vacuum pressure: -500 mbar

Small, compact and easy to use

Perfect for small volume aspiration



Hydrophobic microbiological suction filter eliminates risk of contamination from the trap flask. Efficiency up to 99.9% - holds particles bigger than 0.027 micron.

Built in micro-compressor creates negative pressure in the trap flask for removal of liquid from microtubes.

Polyethylene tube connects the collecting tip to the trap flask.

Slim power cord allows the unit to be used inside workstations and incubators, Safe and economical running.



1L trap flask for collection of aspirate from microtubes or microplates.

Tube holder accommodates two tubes to store tip or optional 8 channel adaptor.

Uses standard 'yellow' 200ml pipette tips.

MA-8 8 channel adaptor kit - includes a tube adaptor, 8 channel aspiration tip and holder, autoclavable.

Applications

- Aspiration/removal of alcohol/buffer from microtube walls during DNA/RNA purification and other macromolecule reprecipitation techniques
- For routine operations of cell washing from culture medium and resuspension in buffer.





FTA-1

Technical specifications

		
		FTA-1
		Aspirator with trap flask
Dimensions	h x d x w mm	340 x 210 x 160
Trap flask volume	°L	1
Vacuum	mbar	-500
Flow rate (aqueous solution)	ml/min	72 with aspiration tip 666 without aspiration tip
External power supply		Input AC 120-230V, 50/60Hz Output DC 12V
Power consumption	W	3.6 (0.3A)
Input voltage	V dc	12
Weight	kg	1.7

FTA-1 series

Options and accessories

MA-8		8 channel adaptor kit, includes tube adaptor, 8 channel aspiration tip, 8 channel tip holder
MA-8T		8-channel aspiration tip
FA-1		Replacement filter
FTA-B		Replacement blue cap for 1L bottle aspiration trap flask
FTA-T	Tubing set including all tubing with fittings except filter and aspiration tip	

FTA-2i

Advanced aspirator with trap flask

All-in-one aspirator system with a 2L trap flask designed for aspiration or removal of alcohol, buffer and liquid from reaction vessels during DNA/RNA purification or other macromolecule reprecipitation techniques.



Hydrophobic microbiological suction filter eliminates risk of contamination from the trap flask. Efficiency up to 99.9% - holds particles bigger than 0.027 micron.

Built in micro-compressor creates negative pressure in the trap flask for removal of liquid from microtubes.

Polyethylene tube connects the collecting tip to the trap flask.

Liquid level sensor with automatic switch off and sounding alarm indication.



Product highlights

- All in one system with integrated pump
- Trap flask volume 2L
- Fitted with hydrophobic microbiological filter
- Adjustable vacuum pressure: -200 to -800 mbar
- Liquid level sensor detects excess liquid and prevents overflow



2L autoclavable polypropylene trap flask for collection of aspirate from reaction vessels or microplates.

Tube holder organiser conveniently located on the right hand side, accommodating two 1.5-2 ml tube slots.

HAS-1 hand operator set - includes 2x8 channel adaptors, 3x1 channel adaptors, handheld vacuum controller and stand (see page 166).

Vacuum regulation control knob allows user to smoothly select a preferable aspiration speed.

Applications

- Aspiration/removal of alcohol/buffer from microtube walls during DNA/RNA purification and other macromolecule reprecipitation techniques
- For routine operations of cell washing from culture medium and resuspension in buffer.

FTA-2i

Technical specifications





FTA-1

Aspirator with trap flask

Dimensions	h x d x w mm	390 x 290 x 185
Trap flask volume	L	2
Vacuum	mbar	-200 to -800 (adjustable)
Flow rate (aqueous solution)	ml/min	72 with aspiration tip 666 without aspiration tip
Aspiration speed	l/min	Up to 10 (air)
Filter pore diameter		0.027 micron
Liquid level sensor type		Invasive
Overflow protection		Motor stops, light and sound signal
External power supply		Input AC 120-230V, 50/60Hz Output DC 12V
Power consumption	W	10.8 (1A)
Input voltage	V dc	12
Weight	kg	1.85

FTA-2i

Options and accessories

HAS-1		Hand operator set, includes handheld vacuum controller, 1-channel adapter (with ejector) for 200 µL tips, 1-channel adapter with 125 mm stainless steel pin, 1-channel adapter with 40 mm stainless steel pin, 8-channel adapter (with ejector) for 200 µL tips, 8-channel adapter with 35 mm stainless steel pin- and SH-6 stand.
MA-8		8 channel adaptor kit, includes tube adaptor, 8 channel aspiration tip, 8 channel tip holder

Contact us today

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