

# 15 Aspirators



## **Aspirators**

FTA-1 aspirator with 1L trap flask

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

# FTA-2 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.

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



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

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

**Polyethylene tube** connects the collecting tip to the trap flask.

**Built-in micro-compressor** creates negative pressure in trap flask for removal of liquid from reaction vessel.

**HAS-1 hand operator set** - includes 2 x 8 channel adapters, 3 x 1 channel adapters, handheld vacuum controller and stand.



**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.

**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-2 aspirator with trap flask - Technical specifications

		FTA-2
		
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

## Options and accessories

• = optional

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



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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