

FTA-2i, Aspirator with Trap Flask



DESCRIPTION

Aspirator with trap flask **FTA-2i** is designed for aspiration or removal of alcohol, buffer and liquid from reaction vessels (e.g. during DNA/RNA purification or other macromolecule reprecipitation techniques).

The device can be applied for routine operations of cells washing from culture medium and resuspension in buffer. Aspirator operation principle is based on creating negative pressure in trapping flask using built-in microcompressor. The collecting tip is connected with polyethylene tube to the trapping flask. Liquid is removed from the reaction vessel when the collecting tip is in contact with the solution. A tube holder-organizer is conveniently located at **FTA-2i** right hand side; it accommodates two 1.5-2 ml tube slots (e.g. for hydrochloric acid solution and distillate) necessary for collecting tip washing and storing, so that a tip can be re-used. **FTA-2i** is equipped with a level sensor that detects excess liquid with consequential prevention of the overflow by automatically switching off the pump with a sounding alarm indication. The device comes, as standard, with vacuum regulation control knob that allows to smoothly select a preferable aspiration speed.

Additionally, a hand operator can be purchased for a more comfortable usability of the new accessories (see list below). The autoclavable hand operator features a pressure sensitive button that can control the aspiration speed.

Filtration: Hydrophobic microbiologic filter 2200/02 eliminates risk of contamination from the trap flask by bacteria, viruses and infected particles

COMMON APPLICATIONS:

Removal and disposal of liquid from various reaction vessels

STANDARD ACCESSORY:

MA-U universal adapter for 200/1000 µl single use tips

OPTIONAL ACCESSORIES:

- HAS-1 Hand operator set
 - 1ch. adapter
 - with ejector for 200 mkl tips
 - with 40 mm stainless steel pin
 - with 125 mm stainless steel pin
 - 8ch. adapter
 - with ejector for 200 mkl tips
 - with 35 mm stainless steel pins
 - Stand SH-6
- MA-8
 - 8-channel aspiration tip with holder

SPECIFICATION

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|------------------|-----------------------------------|
| Aspiration speed | up to 10 l/min (air) |
| Vacuum | -200 to -800 mbar (adjustable) |
| Trap flask | 2 l, polypropylene (autoclavable) |



CAT. NR.

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|---------------|----------------------------------|
| | FTA-2i incl. power supply unit |
| BS-040120-A02 | 230VAC 50/60Hz Euro plug |
| BS-040120-A03 | 230VAC 50/60Hz UK plug |
| BS-040120-A03 | 230VAC 50/60Hz AU plug |
| BS-040120-A03 | 100VAC 50/60Hz US plug |
| BS-040120-A03 | 120VAC 60Hz US plug |
| ----- | Optional accessories |
| BS-040118-PK | HAS-1, Hand operator set |
| BS-040108-BK | MA-8, 8-channel adapter manifold |

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|------------------------------------|---|
| Liquid level sensor type | invasive |
| Overflow protection | motor stops, light and sound signal |
| Input current/power consumption | 12 V, 1 A / 10.8 W |
| External power supply | Input AC 100-240V 50/60 Hz; Output DC 12 V |
| Dimensions with trap flask (WxDxH) | 185 × 290 × 390 mm |
| Weight with trap flask | 1.85 kg |