

safe aspiration

KIT

User's Guide

EN



Introduction

The Safe Aspiration Kit is a set of accessories for quick and easy aspiration of liquid waste when associated with the Safe Aspiration Station.

It offers an ergonomic hand operator, different adapters to aspirate from a wide range of vessels, and a storage stand for accessories to help you keep your workspace clean and organized.



Figure 1
Safe Aspiration Kit Components

Ordering Information

SAFE ASPIRATION KIT	
Safe Aspiration Kit	F110760

Specifications

SAFE ASPIRATION KIT	
Dimensions (W x D x H)	22.6 x 18.3 x 13.2 cm (9 x 7 x 5 in.)
Weight	0.84 kg



Figure 2
Installation Steps

Parts Checklist

COMPONENT	MATERIAL
1 Aspiration hand operator with metal lever to lock the aspiration button including (already mounted): <ul style="list-style-type: none"> Seal o-ring Silicon adapter for Pasteur pipettes and adapters 	Polyoxymethylene (POM) and Stainless Steel Fluorocarbon Elastomers (FKM) Silicon
2 Safety stand for the hand operator with storing gaps for the adapters	Steel coated with Polyester
3 One single-channel plastic tip adapter with ejector (including seal o-ring)	Polyoxymethylene (POM) and Fluorocarbon Elastomers (FKM)
4 One 8-channel plastic tip adapter with ejector	Polyoxymethylene (POM)
5 One 8-channel stainless steel needle adapter	Polyoxymethylene (POM) and Stainless Steel
6 Four single-channel stainless steel needle adapters (various sizes): <ul style="list-style-type: none"> 4 cm length, 1.5 mm diameter 4 cm length, 2.5 mm diameter 12 cm length, 1.5 mm diameter 12 cm length, 2.5 mm diameter 	Polyoxymethylene (POM) and Stainless Steel

Installation

- A** Insert the back of the aspiration hand operator with barbed fitting into the silicon tubing of the aspiration system (refer to Figure 2).
- B** Insert a Pasteur pipette or an adapter directly into the port on the front of the aspiration hand operator (refer to Figure 2).
- C** Vacuum pressure can be controlled by depressing the dark blue button on top of the aspiration hand operator. For continuous aspiration, lock the aspiration button with the metal lever. Lift the lever to release the aspiration button (refer to Figure 2).

Cleaning and Special Care

- The safe aspiration hand operator and its accessories are fully autoclavable.
- Clean by immersing all pieces in a water solution and mild laboratory detergent. Do not use abrasives, as this may affect operation of the control valve. Rinse with distilled water.
- Autoclave the unit for cleaning after working with biohazardous materials.
- Immediately flush the aspiration hand operator with ethanol after working with organic solvents.
- To avoid deposits building up, immediately flush the aspiration hand operator with distilled water after working with salt-rich solutions.

Recommended Tips

For optimum performance of the single- and 8-channel plastic tip adapters with ejector, we recommend using PIPETMAN® DIAMOND Tips DL10, D200, and D300.

Warranty

Gilson warrants this Safe Aspiration Kit against defects in material under normal use and service for **12 months** from the date of purchase. This warranty is valid only if the components of the kit are used in the manner described in this guide and for the purpose for which it is designed. Gilson is not responsible for consequential damages resulting from the misuse or bad cleaning or decontamination of this instrument.

Forced opening of the instrument invalidates any warranty claim. Enclose with the returned instrument a description of the trouble that has occurred and specify which reagents were used.

NOTICE

Please clean the instrument carefully before returning it. Never send in instruments filled with reagents. Returned instruments can only be checked and repaired if they have been carefully cleaned and decontaminated by the customer. The customer will be responsible for freight costs related to the instrument's return.

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