

INSTRUCTION MANUAL

Model: Handling Dispenser for Buller 600



Carefully check if the shipping carton is damaged before unpacking. Please check the items according to the standard package list.
If you have any questions, please preserve serial no. & shipping carton and contact your dealer for quick solution.

Model	Handling Dispenser for Buller 600	
Standard package list	Handling Dispenser with DB9 Connector	
	(Optional) Dispensing Kit, including nozzle, holder, and sinker	

Position	Designation	Material	Position	Designation	Material	Position	Designation	Material
1	Cover	ABS	4	Button	ABS	7	Sinker	SS304
2	Nozzle	SS304	5	Handle	ABS	8	DB9 Connector	-
3	Nozzle holder	Silicone	6	Tube	-			

* The dispenser is made of ABS (Acrylonitrile Butadiene Styrene), which is NOT autoclavable. Please keep it away from incompatible materials.

* Nozzle, nozzle holder, and sinker are made of SS304 and silicone, both of which are autoclavable.

* Tube material please refer to next page.

• Tube Size & Material

Tube Size	ID (mm)	Wall Thickness (mm)
16#	3.1	1.6
25#	4.8	1.6
17#	6.4	1.6

Material	TYGON S3™ E-3603	Biosicon	PHARMED® BPT
Application	Laboratory applications	Biocompatibility & GMP compliance	Biocompatibility & sensitive bioprocessing
Autoclavable	Yes	Yes	Yes

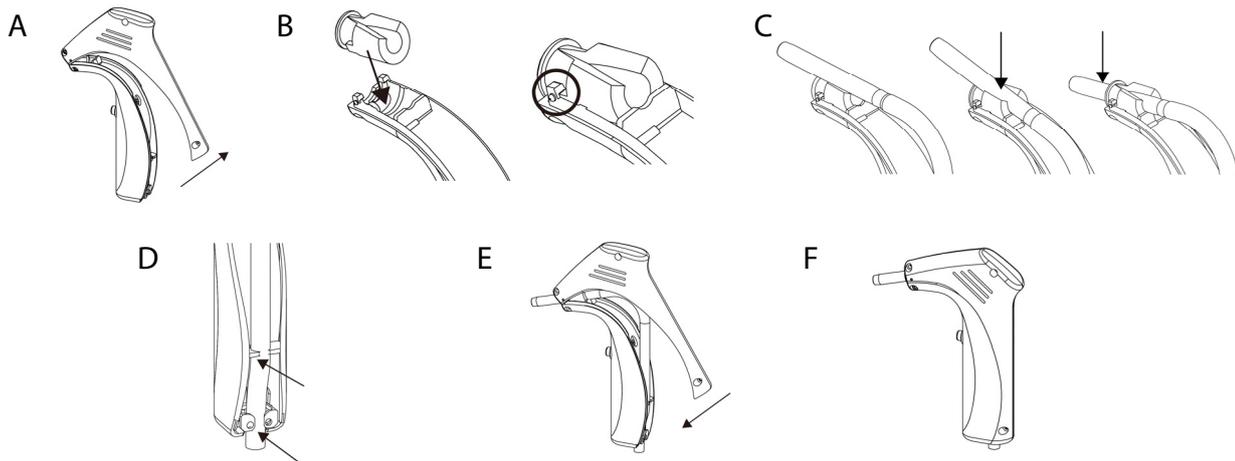
Installation

Handling Dispenser for Buller 600

(1) Nozzle and sinker assembly

Insert the nozzle and sinker into each end of silicone tube.
Make sure both components are securely fitted to prevent disconnection during operation.

(2) Assemble the handling dispenser



- Open the cover from the bottom of the dispenser, as shown in the figure.
- Insert the nozzle holder into the handle. Make sure it is fully pressed in and securely latched by the hook to prevent it from falling off.
* Nozzle and nozzle holder can be sterilized together and secure into handle.
- Secure the nozzle into the holder by first pressing in the back end, then the front.
- Press the tube into the clamps in handle.
- Engage the cover with the hook as shown, then press it toward the handle to ensure a secure fit.
- Complete installation.

(3) Connecting and Operating the Dispenser with the Peristaltic Pump

See the INSTRUCTION MANUAL of Dispensing Peristaltic Pump **4. Installation, (4) Dispenser and Foot Switch Connection.**

Maintenance

- A. The whole handling dispenser, except for items of dispensing kit, is NOT autoclavable. Please clean the surface with pure water or 75% ethanol.
- B. Silicone tube and silicone nozzle holder are consumables. It is recommended to replace them as needed to ensure proper operation.
- C. In case of any issues with instrument, please contact the manufacturer or your service agent for assistance. Do NOT disassemble the handle improperly.

Troubleshooting

Problem	Reason and Solution
Fail to work	<ul style="list-style-type: none">• Connector does not plugger in → Plug the connector.• Mode error → Set control mode of Buller 600 to external control.• Botton failure → Contact distributor for assistance.• Connector failure → Contact distributor for assistance.• PCB failure → Contact distributor for assistance.

Ordering Information

185600-10	Handling Dispenser, DB9 connector, 200 cm
185600-51-16	Dispensing Kit (16#) for Handling Dispenser (include nozzle, holder, and sinker)
185600-51-17	Dispensing Kit (17#) for Handling Dispenser (include nozzle, holder, and sinker)
185600-51-25	Dispensing Kit (25#) for Handling Dispenser (include nozzle, holder, and sinker)

185600-48	TYGON S3™ E-3603 Tubing, 16#, 15 m / box
185600-53	TYGON S3™ E-3603 Tubing, 17#, 15 m / box
185600-54	TYGON S3™ E-3603 Tubing, 25#, 15 m / box
185600-55	Biosicon Tubing, 16#, 15 m / box
185600-56	Biosicon Tubing, 17#, 15 m / box
185600-57	Biosicon Tubing, 25#, 15 m / box
184100-48	PHARMED® BPT Tubing, 16#, 7.5 m / box
184100-49	PHARMED® BPT Tubing, 17#, 7.5 m / box
184100-50	PHARMED® BPT Tubing, 25#, 7.5 m / box