

KIT FOR USE AS AN AUTOCLAVE

**CV-TLV-40MP, CV-TLV60MP,
CV-TLV-80MP, AND CV-TLV-100MP**

USE THE TOP LINE MEDIA
PREPARATOR AS AN AUTOCLAVE

ACCESSORY



Kit for use as an autoclave

APPLICATION


+ Allows the Top line media preparator to be used as an autoclave for the sterilization of laboratory waste bags, plastics, glassware, liquids and metal utensils.

INCLUDED ITEMS

- 1 rack for use as an autoclave.
- 2 or 3 baskets, depending on the model.
- 1 rack insertion and extraction bar, depending on the model.

FEATURES

- All the components of the kit are made of AISI-304 stainless steel, ensuring resistance and durability.
- Compatible with TLV-40MP, TLV-60MP, TLV-80MP and TLV-100MP models from the Top line range.
- The TLV-20MP model is equipped as standard for this function and does not require any additional kit.
- The use of the TLV-MP Series as an autoclave is ideal for the sterilization of a wide variety of materials, including liquids and culture media, plastics and metal objects, glassware, and waste bags.

 In the case of waste bags, the sterilization time should be extended, the chamber should not be fully loaded, and chemical and/or biological tests should be used to validate proper sterilization of the load.

AVAILABLE OPTIONS

There are four references available, each specific to different models of Top line media preparators:

REFERENCE	COMPATIBILITY	CONTENTS
CV-TLV-40MP	TLV-40MP	1 rack (Ø 290 mm x 50 mm) 2 baskets (Ø 230 mm x 230 mm)
CV-TLV-60MP	TLV-60MP	1 rack (Ø 290 mm x 50 mm) 3 baskets (Ø 230 mm x 230 mm) 1 bar
CV-TLV-80MP	TLV-80MP	1 rack (Ø 390 mm x 50 mm) 2 baskets (Ø 320 mm x 230 mm) 1 bar
CV-TLV-100MP	TLV-100MP	1 rack (Ø 390 mm x 50 mm) 3 baskets (Ø 320 mm x 230 mm) 1 bar

OPERATING PROCEDURE

Steps to use the media preparator as an autoclave:

- 1. Initial preparation:** Remove the internal dispensing tube from the media preparator and disassemble the stirrer located at the base of the inner vessel.
- 2. Accessory installation and load placement:** Place the rack and loaded baskets inside the inner vessel of the equipment. In the TLV-20MP model, place the load directly into the vessel, without using a rack or baskets.
- 3. Configuration of the sterilization cycle:** Access the configuration menu and activate the pre-vacuum function. Before starting the program, it is very important to ensure that the dosing selector is closed to prevent possible steam leaks or interference during the process.
- 4. Parameter selection and program execution:** Set the temperature, time and final temperature according to the characteristics of the material to be sterilized. Select the pre-vacuum option and start the program.
- 5. Cycle completion:** At the end of the program, carefully remove the load to avoid burns. Then remove the condensation accumulated inside the vessel.

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LOAD CAPACITIES OF MEDIA PREPARATOR MODELS WHEN USED AS AUTOCLAVES

ERLENMEYERS ISO	250mL (Ø85 x 143mm)			500mL (Ø105 x 183mm)			1000mL (Ø131 x 230mm)			2000mL (Ø166 x 280mm)		
	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units
TLV-20MP	0	0	11	0	0	7	0	0	4	0	0	2
TLV-40MP	2	6	12	2	4	8	2	2	4	2	1	2
TLV-60MP	3	6	18	3	4	12	3	2	6	3	1	3
TLV-80MP	2	12	24	2	7	14	2	5	10	2	3	6
TLV-100MP	3	12	36	3	7	21	3	5	15	3	3	9

ISO BOTTLES	250mL (Ø70 x 143mm)			500mL (Ø80 x 185mm)			1000mL (Ø101 x 230mm)			2000mL (Ø136 x 260mm)		
	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units	Total baskets	Units / basket	Total units
TLV-20MP	0	0	16	0	0	11	0	0	7	0	0	4
TLV-40MP	2	6	12	2	6	12	2	4	8	2	2	4
TLV-60MP	3	6	18	3	6	18	3	4	12	3	2	6
TLV-80MP	2	12	24	2	12	24	2	7	14	2	5	10
TLV-100MP	3	12	36	3	12	36	3	7	21	3	5	15

The data contained within these tables, regarding load capacities, serves as a non-binding guide to assist you in the selection of the most appropriate model.

The equipment shown is representative; its design may be subject to change as part of manufacturing improvements or adjustments.

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