

Automatic Media Preparation

With the MM9 MediaMatic® Agar Sterilizer

Safe
Versatile
Convenient
Rapid & Precise



Never has there been a media sterilizer this versatile or convenient! New Brunswick Scientific's new MM-9 MediaMatic Sterilizer prepares up to 9 liters of simple or complex media and agar formulations, in minutes. Storable user programs, operating parameter print-out, twist to open vessel access and three-instrument-in-one capability make the MediaMatic our best and most capable sterilizer, ever!

Prepare media and agar, or put the MM-9 to use as an **autoclave** to sterilize media in flasks or sterilize small instruments and labware. As a **waterbath**, it accurately maintains liquids over a wide range of temperatures.

Features

- Prepares 1 to 9 liters of media and agar
- **Three operating modes:** media sterilizer, autoclave and water bath
- **Vessel access is amazingly simple** - no bolts or tools
- **Built-in printer** provides validation documentation of entire program and operation parameters
- **Stores multiple user-defined programs**
- **Magnetic drive** eliminates shafts and seals
- **Consistent formulations ensured through:**
 - Water jacket design that prevents uneven heating
 - 2-speed magnetic stirrer
 - PT100 temperature probe for media & water jacket

Safety

Multi-stage software check monitors pressure, temperature, valves & operating parameters for complete safety

- **Automatically locking outer safety lid** with bolt catch prevents lid opening during operation
- **Pressure self-test** prevents operation if vessel is not properly sealed
- **Pressure sensor and pressure valve** prevent overpressuring the vessel
- **Safety thermostats** protect against overheating
- **Pressure gauge** operates independently of the power supply



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MM-9 MediaMatic® Agar Sterilizer



Convenience & Flexibility

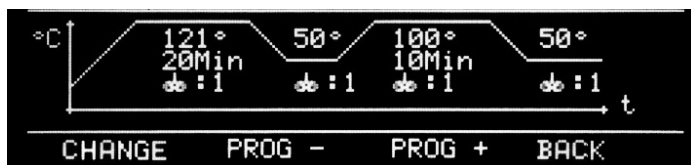
- **Simple to switch between sterilizer, water bath and autoclave modes**
- **Multiple storable programs** for each mode of operation
- **Easy operation** - all steps can be entered using 4 keys
- **Spring assisted, smart headplate design** makes vessel entry easy without removal of headplate fittings or sensors
- **Lightweight, easily removable inner vessel and automatic self-cleaning cycle** simplify clean up
- **Extra large, separate sample addition port** allows addition of large volumes of supplemental reagents
- **Six language programming**, freely selectable

More Safety Features

- **Filtered air pump** prevents flash boiling and prevents contamination from entering during cool-down
- **CE & UL certified**

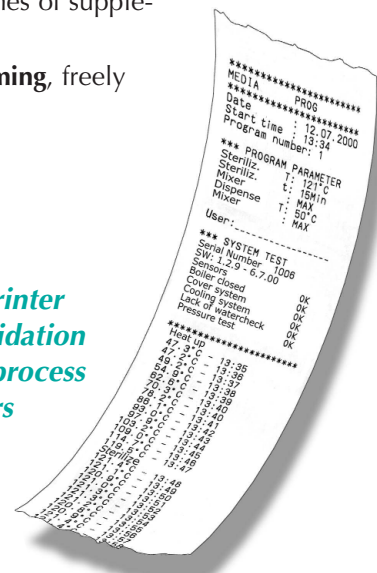
Rapid & Precise

- **Prepare 9 liters of media** in about an hour
- **Special cooling system heat exchanger** dramatically speeds cooling. (9 L cools from 121°C to 50°C in 20 minutes, compared to 13 hours, self-cooled)
- **PT100 probe** guarantees precise temperature monitoring
- **Measurement & display accuracy** of 0.1°C

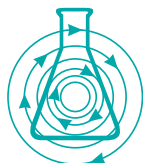


Two-cycle programming lets you easily produce complex formulations, such as chocolate agar. Graphical interface displays all parameters and measured temperatures

Built-in printer provides validation record of all process parameters



Capacity	Agar Sterilizer: 1 - 9 Liters of media	Autoclave: 12 Liters	Water Bath: up to 5 Liters
Parameters	Temperature Range:	Sterilization: 70 - 122°C 1 - 99 minutes	Dispensing: 30 - 80°C 30 - 240 minutes
	Water Bath:	40 - 80°C 1 - 99 minutes	
	Stirrer Speeds	75 rpm or 150 rpm, selectable	
	Programming	45 storable/editable programs (15 programs/mode) Sterilization mode has a special 2-step program for complex agars	
Options	Flexible Temperature Probe and Base Plate Kit required to switch from media sterilizer to autoclave mode. Kit part number: P0628-0000		
Weight & Dimensions	108 lbs (49 kg). H x W x D: 17.2" (437 mm) x 19.3" (490 mm) x 22.5" (570 mm). Clearance: Overhead add 22.5" (570 mm) to open lid. Depth add 5" (127 mm) for water fittings		
Utilities	External Cooling Water Requirements: 5 - 25°C. 1 - 4 Bar (14.5 - 58 psig max), or use pressure regulator part number M1325-2210. Quality: Filtered water, hardness controlled, if possible.		
	Internal Jacket Water Requirements: Distilled or de-ionized water, only.		
	Connections: Cooling water inlet requires 3/4" water fitting or 3/8" hose barb. Drain required for cooling/jacket water. Cooling water drain, jacket water drain & cooling water inlet hoses provided.		
	Electric: 16 Amp max., all models. 240V, 50/60 Hz with NEMA L6-30 twist lock. (2 line x 120V). 230V, 50/60 Hz with Schuko plug. Single phase. 200V, 50/60 Hz , Single phase.		
Catalog No.	240V model: M1325-0000	230V model: M1325-0002	200V model: M1325-0003



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