



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO MLS-3751L. You'll find the answers to all your questions on the SANYO MLS-3751L in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SANYO MLS-3751L**  
**User guide SANYO MLS-3751L**  
**Operating instructions SANYO MLS-3751L**  
**Instructions for use SANYO MLS-3751L**  
**Instruction manual SANYO MLS-3751L**

**SANYO**

In-Lab Top Loading Autoclaves



**MLS-3751L**  
**MLS-3781L**

**MLS-3781L**  
75 liters (2.6 cu. ft.)



**MLS-3751L**  
50 liters (1.8 cu. ft.)



*Sterilization Temperatures*  
+115°C to +135°C

(IN-LAB AUTOCLAVES (PERSONAL-USE MOBILE UNITS))

**Space efficient, convenience minded, portable autoclaves offer sterilization on-demand.**

Researchers will no longer waste valuable time and energy when limited to using a centralized building autoclave. Installation and maintenance of central autoclaves are not only costly but time consuming. Sanyo offers two convenient solutions. These portable autoclaves are designed for individual lab use and can conveniently be moved from one lab to another. Model MLS-3751L has a low enough profile to be stored under a lab bench when not in use.

innovation  
performance  
reliability  
support

S T E R I L I Z E R S



[You're reading an excerpt. Click here to read official SANYO MLS-3751L user guide](http://yourpdfguides.com/dref/3341481)  
<http://yourpdfguides.com/dref/3341481>

**Manual abstract:**

) 75 liters (2.6 cu. @@@@sanyo offers two convenient solutions. these portable autoclaves are designed for individual lab use and can conveniently be moved from one lab to another. model mls-3751l has a low enough profile to be stored under a lab bench when not in use. 38.0 inches 18.8 inc 29.4 inches sterilization hes 18.8 inches Sterilization Temperatures +115°C to +135°C innovation performance reliability support innovation performance reliability support s t e r i l i z a t i o n RELIABILITY & CONTROL Optional Process Printer (Model MLS-37PR) process documentation is available via an optional built-in type thermal printer.

the printer prints out the process run results of temperature, pressure, vs. time. each printout is date and time stamped for future reference. MOBILE AUTOCLAVE UNITS Personal Series In-Lab Autoclaves sanYo mls-series top-loading autoclaves are a popular method of sterilization for today's research laboratories. self-contained and easy to use, these reliable units are ideal for a wide range of applications, including liquid culture media preparation, labware and waste sterilization.

Designed to meet good laboratory practice criteria in biotechnology and research laboratories, sanYo mlsseries portable autoclaves deliver high pressure steam with speed, efficiency and reliability. Small Footprint with Swing-Up Door the door opens upwards, so no side opening space is required. this makes the 14.56 inch (37 centimeters) wide chamber easy to access. the mls-3781l offers 75liter capacity with the same footprint as the mls-3751l (50 liters) and is only 18.

8 inches wide. DESIGN Human-oriented design sanYo has included a host of features to make this autoclave user friendly. there is a heat-insulating resin housing and the corners are gently rounded. the control panel is mounted on top so it is easier to see and use. @@@@this enables access to sterilized contents much faster. @@@@Sterilizing For water, culture media, reagents and other fluids. @@@@High temp. prevents solidifying. @Melting/Keep Warm to melt or keep culture media at a fixed temp. @When completed, the exhaust valve opens and the temp.

drops to 100°C. thus, cool down period can be shortened. suitable for equipment that can withstand sharp drops in pressure and for sterilizing waste. sterilizing temp.: 115°C to 135°C timer: 1 minute to 5 hours Example: Instrument sterilization program (Operating conditions: No load; Ambient temperature: 20°C; Sterilizing temperature: 121°C, Sterilizing time: 20 min.) MLS-3751L (integrated cooling fans) MLS-3781L (integrated cooling fans) MLS-3750\* MLS-3780\* \*Sanyo's previous models with no cooling fans. · Operating time varies depending on operating conditions. · For liquid sterilization course, the operating time will be longer than for instrument sterilization course. LOAD CAPACITY Large Chamber Despite the compact outer dimensions of these autoclaves, they store 8 (mls3751l) or 12 (mls-3781l) 1,000 ml flasks. 14.

6 inch Diameter Chamber the 14.6 inch diameter wide chamber offers large capacity. For example, four 1000ml flasks will fit easily into one sterilizing basket. also, two racks holding 50 test tubes can fit into one basket. the mls-3751l can accommodate two sterilizing baskets, while the large-capacity mls-3781l can hold up to three baskets at one time.

MLS-3751L LOAD EXAMPLE Eight 1000ml flasks MLS-3781L LOAD EXAMPLE .6" 14 Twelve 1000ml flasks Specifications Model No. Effective capacity External dimensions Chamber dimensions Effective chamber height Power specifications Unit weight Wire baskets included Printer Controller Voice alert process guidance system Sterilization temperature Culture media melting temperature Keep warm temperature Cool down fan Sterilization timer Melting timer Keep warm timer Program timer Exhaust control Safety devices Chamber material Maximum pressure Pressure gauge Accessories included Optional accessories Melting timer Keep warm timer Program timer Exhaust control Safety devices Chamber material Maximum pressure Pressure gauge 1 minute up to 5 hours 72 hours delayed, auto off 1 week (designation: year, month, day, hour and minute) Exhaust valve open temperature setting Pressure safety valve, over-temperature limiter, anti-scorch limiter, door interlock, over-pressure limiter, current fuse SUS 304 stainless steel 34.14 PSI (0.235 MPa) Upper right, front panel 29.

4 MLS-3751L MLS-3781L 50 liters (1.8 cu.ft.) 75 liters (2.6 cu.ft.) 29.4 18.8"W x 24.9"D x 30.

7"H (478 mm W x 632 mm D x 748 mm H) 18.8"W x 24.9"D x 38.0"H (478 mm W x 632 mm D x 965 mm H) 14.6" (370 mm) diameter x 16.3" (415 mm) depth 14.6" (370 mm) diameter x 24.2" (640 mm) depth 18.9" (480 mm), including recess in lid 27.8" (705 mm), including recess in lid 30 6-30 120V, 60Hz, 1 phase, 20 Amp breaker, NEMA L5-20P locking plug 208V-230V, 60Hz, 1 phase, 20 Amp breaker, NEMA L5-20P locking plug 134 lbs. (61 kg) 154 lbs. (70 kg) 2 x stainless steel baskets, MLS-37BL x 1, MLS-37BS x 1 3 x stainless steel baskets, MLS-37BL x 2, MLS-37BS x 1 Optional, built-in type thermal printer, pressure and temperature vs. @s a n y o b i o m e d i c a l . @@.



[You're reading an excerpt. Click here to read official SANYO](#)

[MLS-3751L user guide](#)

<http://yourpdfguides.com/dref/3341481>