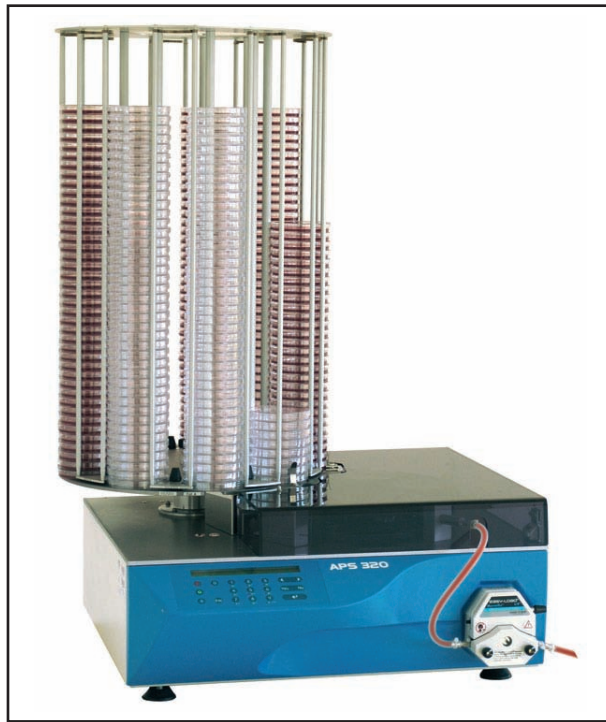




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Media Preparation Pourer/Stacker



**Automated dispenser for
Petri dishes**

**The APS320 combines
economy with ease-of-use,
essential for today's
laboratory environments**

A true walk-away system for the preparation of agar plates – simply load the carousel, attach the media preparation system and go.

The unit comes in two versions: the APS320 has a capacity of 320 Petri dishes and the APS540 has a capacity of 540 Petri dishes.

Around 600-750 plates per hour can be dispensed depending on the volume set for the dish. The unit has an in-built refrigeration plate for rapid cooling of the agar leading to high quality level plates.



Sensors identify if a plate is inserted and will stop that plate being filled either by stopping the operator or just ignoring the plate. If a broken Petri dish causes the carousel to jam, an alarm will sound. Following removal of the jam, the carousel is automatically repositioned to start filling again.

A shaking option is available for the preparation of pour plates. Sample is pre-dispensed into the Petri dishes prior to them being loaded into the APS320. Agar is then added to the dish and the contents mixed in a standardised figure-of-eight pattern to produce the plate. Once set, plates can automatically have an agar overlay added if necessary.



The APS320 allows laboratories to manufacture high quality agar plates without the reliance of outside manufacturers. For laboratories requiring flexibility of manufacture it allows both small and large batches to be produced quickly and economically.

When linked to a media preparator such as the S8000 or Masterclave 19, maximum benefits are reached with the media produced being of exceptional quality.

The APS320 has the option to store up to 40 different programmes for the production of different types of plates. These can be easily selected using the simple to understand integral keypad.

The unit can also be used to fill tubes and bottles – an additional 40 programmes are available for this feature. All adjustments of the carousel are done by programme.

Separate diagnosis menus are available for the sensors and light gate adjustments or tests – most day to day problems are easily solved by the operator.

Options are available for both 90mm and 55mm Petri dishes. Users should note that these are two separate machines and that the carousels are not interchangeable.

Many users enjoy the benefits of attaching a Lynx printer to the unit to print batch information on either the side or base of the dishes whilst the media is being poured. This adds traceability to the batches.

The APS320 is applicable for both the small laboratory and for large scale media production.



Linx Inkjet Printer



The larger APS540 shown with a Masterclave 09 media preparator

Standard Features

400 programmes
750 plates per hour (maximum)
Shaking option for pour plates (90mm only)
Refrigeration Plate

Options

M00027 Shaker option (for use with M00040)
M00034 Second pump kit
M00035 Bi-plate option
M10202 Footswitch
M10095 UV lamp
M00038 Linx Inkjet printer - model 4900
M00032 Printing kit (side)
M10028 Printing kit (bottom)

Accessories

M30022 Distribution side nozzle
M30031 Tubing for blood addition

Specification

Order Codes:
Pourer/Stacker APS320 – M00040 (90mm)
Pourer/Stacker APS320 – M00041 (55mm)
Media Preparator Masterclave 09 – M00050
Power Supply: 230v $\pm 10\%$ 50Hz
Dimensions: 610 x 950 x 570mm (l x h x d)
Weight: 45kg
Operation temperature: 5°C – 40°C

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