APPLICATION NOTE

STERILIZATION AND DISPENSING OF MICROBIOLOGICAL MEDIUM IN PETRI DISHES ACCORDING TO cGLP

MICROBIOLOGY

N. 199/79

JULY 2009

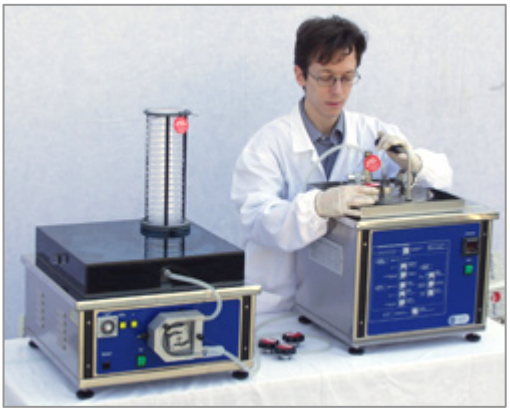
❑ **Agarster Eco Mini + ADD Mini medium preparation**

The main reasons to adopt a media preparation station:

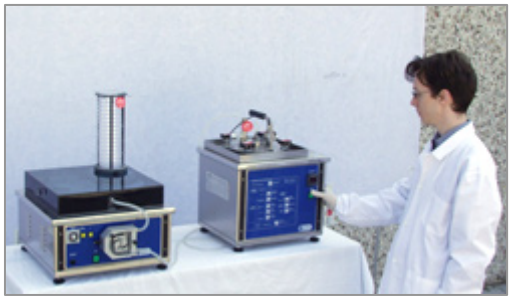
A. To improve the quality of media
B. For a better work environment
C. To apply the cGLP
D. For better operator's safety

(1) An automatic system made life easier for the busy microbiologist.
(2) Thermoprobe is in direct contact with medium for ideal time/temperature integration
(3) Water jacket and a stirring paddle distribute heat and cooling efficiently and uniformly to the medium
(4) High quality agar is assured by the short exposure of heat-sensitive constituents to high temperature
Fresh-made media have better nutritional characteristics with consequent better morphological growing of colonies
(5) Operation according to cGLP and Safety
(6) Investing time in more qualified lab activities

(1) Transfer of the medium into the vessel of Agarster Eco Mini medium preparator



(2) Apply the cover to Agarster Eco Mini

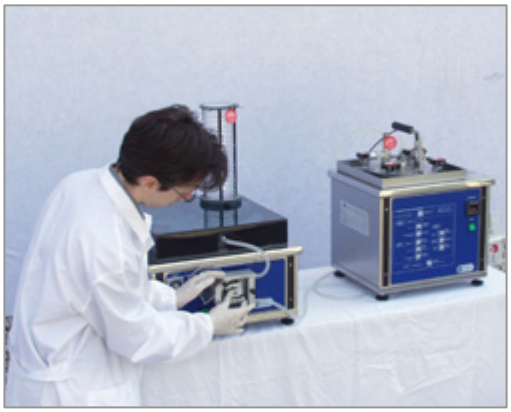


(3) Switch on the Agarster Eco Mini

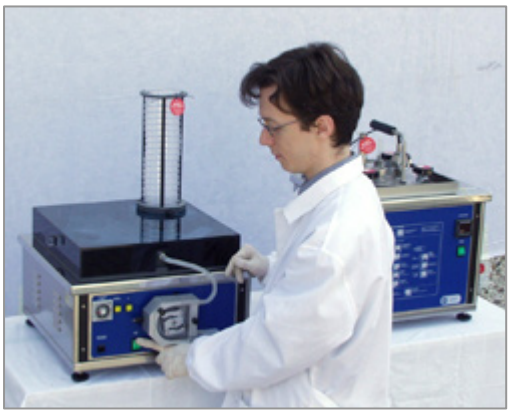
(4) Set time and temperature of sterilization and start the sterilisation / dispensing cycle

❑ Petri Dish filling

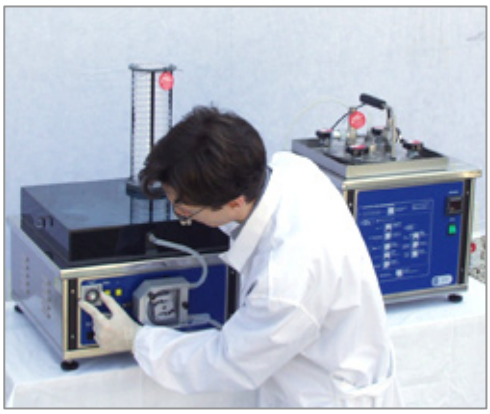
(5) Fill the ADD-MINI petri dish filling machine with standard disposable 90 mm Petri dishes



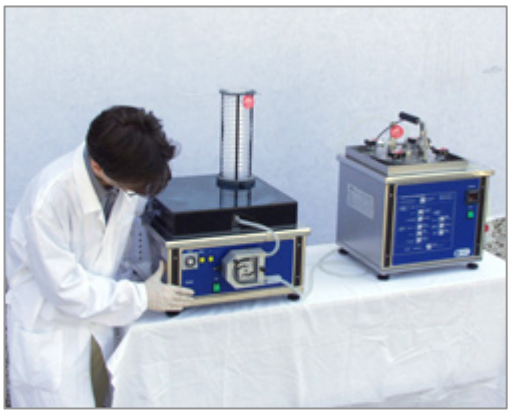
(6) When the medium is ready to be distributed, connect the tubing system between the Agarster Eco Mini and ADD-MINI



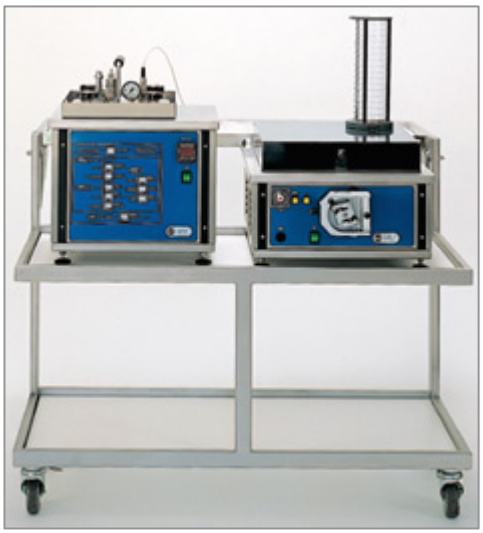
(7) Switch on the ADD-MINI



(8) Set the volume to distribute in each Petri Dish. The filled Petri dishes are recovered on the back of the ADD-MINI.



(9) Switch the unit to fill vials, bottles, flasks, containers, test tubes.



"Alp" Trolley
- easily relocated thanks to castor wheels
- gate legged table for compact storage
- ergonomic design improves personnel's activity
- AISI 304 stainless steel for better cleaning/disinfecting