

PBI Laboratory Gazette

MAY 2010

PBI TECHNICAL BULLETIN

VOL. 17 ISSUE 221

STERILIZATION AND DISPENSING OF MEDIUM

The Equipment

"Agarfill System" formed by "Arbo" stirrer and "Agarfill" container.

THE METHOD



1) Adding power medium to Agarfill container



2) Adding water to Agarfill container



3) Transfer the Agarfill to autoclave for sterilization



4) Recover of Agarfill at the end of sterilization cycle



5) Transfer of the Agarfill in the Agarfill System and apply the sterilized tubing and tip to the outlet of the container



6) Dispensing temperature setting



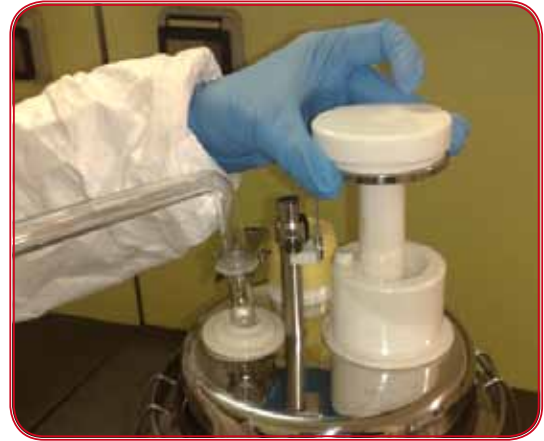
7) Switching on the unit



8) Medium mixing setting



9) Dispensing volume setting



10) Medium dispensing by piston



11) Sterile medium dispensing into Petri dishes, etc.

12) Wash and clean the unit at the end of dispensing operations