

DISPENSER

DISPENSER 6 cartridges for antibiotic discs



INTRODUCTION

The Dispenser is manual device for application of antibiotic discs on the agar surface in Petri dish. It can be used with cartridges containing Abtek antibiotic discs. It is designed to dispense 6 discs in one application.

PRINCIPLE OF METHOD

Antibiotic discs are placed on the agar surface by pressing the dispenser lever, located on its top. There is the setting ring, located at the periphery of the device to set the distance between the base of the dispenser and a layer of agar:

- For a smaller volume of medium (approx. 15 ml) the ring should be set to position 2-3,
- For the average volume of the medium (ca. 20 ml), the ring should be set to position 4-5,
- For a volume of approximately 25 ml of medium the ring should be set to position 9-10,

To set the desired position, pull the upper part of the dispenser with the pointer, move the pointer to the desired position and leave the top of the dispenser.

USE

1. Adjust the circular base of dispenser according to the thickness of the agar.
2. Insert the cartridge with antibiotics discs into dispenser and make sure they are positioned correctly.
3. Place the dispenser on a 90mm Petri dish.
4. Press the lever to the end and release. At that time discs are placed on the agar medium.
5. Dispenser must always perform a full cycle before it can work again.

Note: If a resistance is noted when pressing the lever, immediately stop and check if there is no empty cartridge or if discs are not blocked. Position pointer Dispenser locks automatically after running out of the discs in a cartridge. You must remove the empty cartridge to continue.

CLEANING

Dispenser should be cleaned with warm distilled water (you can add a few drops of liquid soap). If some parts of the dispenser are contaminated, they must be disinfected by immersing the dispenser in ethanol diluted in water (70% v / v) for 5 minutes, then washed with clean distilled water. Dry completely before using the dispenser again.

Do not use solvents such as acetone, chloroform, xylene and phenolic compounds or solutions of detergents for cleaning the dispenser.