

Clinostat electric

[BAE_1093093.doc]



Clinostat electric with tube accessory motor rotates 5 revolutions per hour
220V 50Hz 60W 70mm cork diameter, 300mm height'

Description:

The Clinostat is motorised disc that can support and protect small plants, seeds or cuttings while they are slowly rotated at about 5 revolutions per hour for even exposure to sunlight and gravity. The plants are normally pinned to a soft pad fixed to the disc with cotton wool soaked with water for moisture. A removable transparent cover over the soft pad permits examination of seed and plant growth and behaviour over an extended period of time.

- * 1 piece. Motor housing with pivot screw and nut, disc and soft pad assembly.
- * 1 piece. Clear plastic cover to fit over the soft pad.
- * 1 piece. Base plate to carry the housing.
- * 1 piece. Mains power cable to plug into socket in the motor housing.
- * 1 piece. 70mm diameter cork lined/faced disc with a fitting to take a specimen tube.

Assembly Instructions:

- * Take the parts from the carton.
- * Remove the clamping nut and washer from the screw on the side of the housing.

Note: A special plastic sheet inside the motor housing prevents the screw from accidentally falling inside the housing but do not deliberately push the screw in.

- * Take the 'L' shaped base plate and, with the rectangular part of the base plate directly UNDER the housing, fit the screw through the hole provided with flat washer on the outside under the clamping nut. Notice the soft pad on the side of the motor housing the forms the friction grip to the side of the mounting foot.
- * Fit the washer and the finger grip nut to the screw and tighten firmly.
- * Rest the unit on it's base plate and note that the housing will pivot when loosened.
- * Place the plastic cover firmly over the soft pad.
- * Insert the mains power cord into the socket.

Plants and seeds may now be pinned onto the soft pad together with cotton wool for the retention of moisture for studies in plant growth and germination. The Clinostat may be pivoted around and clamped so that the plants maybe pointed towards the source of light or heat or as required by the experiment.