

**MODEL NO.: YSI-464**

**YSI SEEDS GERMINATOR**

-Single Chamber

Designed for conducting various experiments on variety of seeds under different parameters of temperature, humidity etc. Atmospheric environment can thus easily be simulated within the laboratory to perform different experiments without going into the field, by creating desired condition of temperature & humidity in the chamber of seed germinator. It is of double walled construction. Inner chamber is made of Stainless Steel & outer cabinet is made of MS sheet, duly pre treated & finished with epoxy powder paint. Insulation is provided between inner chamber & outer body to minimise heat loss. S.S. Water reservoir at the bottom provides 90% to 95% fixed humidity (not adjustable). Environment friendly CFC free refrigerant used and the unit is PUF insulated. Temperature range from 5°C to 50°C ± 0.1°C is controlled by Digital Temperature Controller cum Indicator.

Door is also provided with a viewing glass window to view the germination of seeds inside the chamber without opening the door, thus no temperature/humidity loss. Air circulation ensures uniform temperature inside the chamber.

Heater provided for temperature control and humidity is achieved by steam generator inside the chamber. A water reservoir in the bottom is heated through immersion type heaters generates the steam, creating humid condition inside the chamber.

Panel is fitted with Digital temperature controller cum indicator and pilot lamps, switches etc. Supplied complete with 6 SS perforated trays. Complete with cord and plug, to operate on 220 Volts, 1 Ph, 50 cycles AC supply. The unit is incorporated with an Automatic Voltage Sterilizer for better and efficient working.



Size of inner chamber:

W	x	D	x	H
555	x	910	x	605mm

**MODEL NO.: YSI-465**

**YORK SEEDS GERMINATOR**

-Single Chamber (day light)

Details same as per YSI-464 but provided with exterior lighting arrangement to simulate (manually operated by switch) light conditions also.

Optional Accessory :

- 0-24 hours imported programmable timer for regulating illumination cycle.

