

## Economical Water Distiller



### Economical Water Distiller

**Model: NS 103**

The NS 103 Economical Water Distiller is a robust and budget-friendly solution designed for laboratories seeking reliable and efficient water distillation equipment.

## Features:

- **Capacity:** Produces up to **3.5 liters of distilled water per hour**.
- **Efficient Design:** Preheats water to reduce boiling time, ensuring lower operational costs.
- **Space-Saving:** Wall-mounted design maximizes laboratory space.
- **Durability:** Constructed with high-quality **stainless steel** for the boiling tank, condenser, and heater.
- **Energy Saving:** Utilizes heat from cooling water during distillation for enhanced efficiency.
- **Safety Features:**
  - **CO<sub>2</sub> Degassing:** Gas exhaust pipe for effective degassing.
  - **Heater Protection:** Prevents damage from running dry.
  - **LED Indicator:** Alerts for low water levels.
- **Ease of Operation:** Simple user interface with an integrated **manometer** for water pressure adjustment.

## Technical Specifications:

### General Specifications

- **Distilled Water Capacity:** 3.5 liters per hour
- **Cooling Water Consumption:** 35 liters per hour
- **Safety System:** Surface thermostat

- **Boiling Tank Volume:** 4 liters
- **Manometer:** 0–100 mbar
- **Internal Material:** Stainless steel
- **External Material:** Epoxy-polyester powder-coated aluminum

### Measurements

- **External Dimensions (WxDxH):** 410 x 260 x 565 mm
- **Packing Dimensions (WxDxH):** 480 x 450 x 650 mm
- **Net / Packed Weight:** 12 kg / 16 kg

### Electrical Information

- **Power Rating:** 2500 W
- **Power Supply:** 230 V – 50 Hz

### Advantages:

- Affordable solution for producing high-quality distilled water.
- Energy-efficient design for reduced operational costs.
- Compact and durable construction suitable for long-term laboratory use.