



# ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment)

**IIC-146**



## ROTARY VACUUM EVAPORATOR (BUCHI TYPE)

Consist of an evaporating Flask rotated by a non-sparking induction Motor in a heating water Bath. Vacuum Distillation of solvent at high and low Temperature is achieved quickly and efficiently by use of speed controller provided. It prevents foaming an vacuum and bumping of the liquid. Other application includes vacuum drying of powders and slides. Low temperature vacuum distillation of heat sensitive is suitable compounds. The introduction tube permits continuous feed of the liquids into evaporating flask and also distillation under Controlled atmosphere. The evaporating Flask, Pear shaped to give a larger surface area for evaporation, is clamped to a glass duct which goes through the drive unit and protrudes 120 mm into the condenser. The Condenser is screwed into the drive unit and contains a Teflon inlet feed tube at its upper end. Condenser is fitted with Standard B-19 joint at top and spherical joint S-35 at the bottom for receiver flasks.

- Drive unit with F. H. P. Motor, Speed Regulator, Working on 220Volts A. C. 50 Cycles, 1 Phase.
- Stand:- Heavy Cast Stand with Steel Rod.
- Evaporating Flask 1 Litre (approx.) with Standard B-29 joint.
- Glass Duct All Glass connector cone with B-29, Connected Evaporating Flask and Protrudes in the condenser.
- With Clip to hold the Evaporating Flask with Glass Duct.
- Condenser Double Coil Condenser for water Circulation, fitted with Vacuum Connection and standard S-35, ball joint for Receiving Flask with Condenser.
- Receiving Flask 1 Litre Capacity with Standard S 35 Ball Joint.
- Ball Joint clamp:- To hold the Receiving Flask with Condenser.
- High Vacuum Cock: Two way stop-for the feeding Tube and Vacuum Release. Feed Tube.
- Complete with all accessories, glass part vacuum pump etc as per model No. IIC - 146B

| Model | IIC- 146 A | IIC- 146 B (complete with all accessories ) |
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### Available In Size

Capacity 1 Liter, 2 Liter, 3 Liter

### Optional

Water Bath Thermostate Controlled or Digital Controlled. As per requirement.  
Lifting Jack (Manual).  
Vacuum Grease.

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