

ISO 9001-2015,WHO, FDA,  
European CE Nortified &  
ISO-13485 Certified



**ALPHA<sup>R</sup>**  
SUDARSHAN

**CE**  
European CE  
Nortified



**ASE-145**



**ASE-146**



**ASE-147**

### **ASE-145 & 146 Rotary Vacuum Evaporator (Buchi Type)** ALPHA<sup>R</sup>

The apparatus consists of an evaporating flasks rotated by sparking induction motor in a heating water bath. Vacuum distillation of solvent at high and low temperature is achieved quickly and effeciently by use of a speed controller provided, which prevents foaming and bumping of the liquid (solvent) into the evaporating flask and also distillation under controlled atmosphere. The evaporating flask is pear shaped to give a larger surface area of evaporation and is clamped to a las duct through the drive unit and products about 120mm. into the condensor is fitted with standard joint at the top and at the bottom for receiver flask. The unit is fitted with a quick action jack. Complete with long wire & three pin socket. **Other changes will be done on request or as per user specification..**

#### **Available in CAPACITY**

- (a) 1 Ltr.
- (b) 3 Ltr.
- (c) 5 Ltr.
- (d) 10 Ltr.

#### **OPTIONAL ACCESORIES**

- (a) thermostatic water bath
- (b) -do- but Digital model
- (c) Vacuum Pump(single stage)
- (d) Tubular stand with base providing the complete unit a compact look rigidity and table top height

### **ASE-147 Vortex Shaker (Test Tube Shaker)** ALPHA<sup>R</sup>

Useful for stirring centrifugal tubes, test, small flasks, micro centrifuge tubes and plates etc . Provides vigorous mixing action by rotation of the contained liquid. Mixing speed variable from 200 rpm for very gentle mixing to 3000rpm for vigorous agitation, Options to choose between touch/intermittent mode and continuous operation simply by pressing a button onthe facia. To have Stable low profile body with Robust die cast construction. The instrument consists of a vertically mounted motor with a Neoprene rubber cup mounted eccentrically on the shaft against which at its tip is help the tube with its lower end pressing against the cup. Mixing action is controlled by varying the angle and pressure of the tube against the cup. Vacuum rubbers at bottom prevents the machine from walking. Fitted with speed control arrangement. To work on 220/230 volts A.C. Supply. Complete with long wire & three pin socket.

Spares accessories a attachments for tubes from particular range (eg-1.5 ml) to another range (eg-50ml )

**Other changes will be done on request or as per user specification..**

- (a) With ON/OFF Switch.
- (b) With touch ON/OFF plate type.

**Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018**

**CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED**  
**With first prize awarded at Haroti Udyog Mela year 2003**