

## SKZ1021 Laboratory Rotary Digester



This Laboratory Digester used in caustic cooking and acid cooking, It can also be used to cooking and oxygen bleaching for other liquid work pressure is not more than 8Kg / cm<sup>2</sup>

### **Structural Features :**

1. The device is mainly composed of a machine frame, steamer, reducer, heating laps, rolling bearing, no carbon brush and slip ring, and a safety valve, temperature control instrument, a pressure gauge, a needle valve.
2. This device part uses the high quality stainless steel , with high corrosion resistance.
- 3, The heating part of the electric heating ring is composed of six pieces, directly heating, simple structure, convenient repair and replacement
4. Temperature control adopts intelligent PID to adjust temperature and heating control, ensure the cooking quality.

### **Working Principle :**

Digester into the raw materials, the speed reducer directly drives the steamer. Using 4.5KW electric heating ring for constant temperature control heating.

### **Main Parameters :**

Capacity:15L or special order to 30L

Body Diameter:  $\varnothing$  207mm

Body Height: 475mm

Maximum Working Pressure:8kg/cm<sup>2</sup>

Hydraulic Test Pressure: 12kg/ cm<sup>2</sup>

RPM: 1r/min

Temperature: 180°C

Motor Power: 0.37Kw 380v

VCC: 380V; 50HZ; 380V; 60HZ

Heating Circle power: 4.5Kw

Overall Dimension ( LxWxH ) :1000mmx360mmx1230mm. Total Weight: 250kg

**Optional accessory:**



**Digester cells (digestion bombs)**

1. Capacity:  
Single Capacity 1.5 Liters;  
Total capacity 4\*1.5 Liters
2. Working Pressures: 8kg/cm<sup>2</sup>
3. Hydraulic Pressure: 16kg/cm<sup>2</sup>
4. Gross Weights: 16kg



**Oxygen Bleaching Digester Cells-- (Oxygen digestion bombs)**

1. Capacity:  
Single Capacity 1 Liters;  
Total capacity 4\*1 Liters
2. Working Pressures: 8kg/cm<sup>2</sup>
3. Hydraulic Pressure: 16kg/cm<sup>2</sup>
4. Gross Weights: 16kg