

# VACCUM PUMP OPERATION MANUAL



## Foreword

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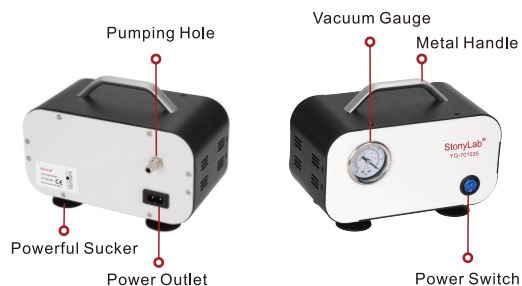
## 1. Brief Introduction

STONYLAB vacuum pump is manufactured with international design concept and advanced manufacturing technology. With smooth lines, nice shape, compact structure, strong and super low working noise, this instrument is ideal for scientific research. It is suitable for vacuum filtration, solvent filtration, vacuum distillation, vacuum drying of solid phase extraction etc.

## 2. Product Overview



## 3. Products Introduction



## 4. Technical Data

### Product Pictures



Type	Negative Pressure	Negative Pressure	Negative Pressure
Pumping Speed: (L/min)	10	15	30
Ultimate Vacuum (Mpa)	0.007	0.075	0.075
Noise Level (dB)	< 40	< 45	<50
Motor Power (w)	20	30	40
Diaphragm & Valves	NBR	NBR	NBR
Overload Protection	Yes	Yes	Yes
Over Temperature Protection	Yes	Yes	Yes
Short Circuit Protection	Yes	Yes	Yes
Dimension	192x100x135mm	192x100x135mm	192x100x135mm
Product Weight	1.58kgs	1.58kgs	1.58kgs

## 5. Operation Guide

Basic Operation Guide

### Application

- It is mainly used for vacuum filtration, solvent filtration, vacuum distillation, vacuum
- Drying solid phase extraction, compression and conversion of gases.

### Applied Area (Indoor Use Only)

- Laboratory
- Pharmaceuticals Industry
- University

### Using Environment

- Indoor Use
- Altitude: ≤2000m
- Working Environment Temperature Range: +5 °C ~ +40 °C
- Relative Temperature Range: ≤80%
- No vibration and airflow around to effect performance
- No conductive dust, explosive gas and corrosive gas around
- Maintain a safe distance of 10 cm all around

## Safety Precautions

Do not plug/unplug power connector or toggle power button when your hands are stained with liquid.  
Do not plug/unplug power plug when the instrument is powered.  
It is strictly forbidden to maintain or scrub the instrument under power-on state.  
It is strictly forbidden to install the instrument on uneven or shaking surface.

## 6. Opening Check

Please check the Instrument and Appendix with the packing list when you first open the instrument packing case. If you find there is something wrong with the Instrument and the Appendix, do contact the vendor or the producer.

### Delivery Package

- Vacuum Pump 1 Unit
- Power Cable 1 Unit
- Vacuum Rubber Tube 1 Unit
- User Manual

