

TISCH
S c i e n t i f i c



Vacuum Pump
User Manual



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1. Getting Started

Packing list

In this box you should find the following items:

1x Vacuum Pump

1x Power adapter

1x Operation Manual

1x Vacuum Tube

2. Technical Specifications

MODEL	VP-10L	VP-15L	VP-15S	VP-30L
Type	Negative Pressure	Negative Pressure	Negative Pressure	Negative and Positive Pressure
Adjustable Pumping Speed	No	No	Yes	No
Pumping Rate (Liters per Min)	10	15	0-15	30
Noise (db)	<40	<45	<45	<50
Has Overload Protection?	Yes	Yes	Yes	Yes
Has Over Temperature Protection?	Yes	Yes	Yes	Yes
Has Short Circuit Protection?	Yes	Yes	Yes	Yes
Dimensions (mm) (LxWxH)	192x100x135	192x100x135	192x100x135	240x120x160
Weight (kg)	1.6	1.6	1.6	2.7
Oil Free?	Yes	Yes	Yes	Yes

3. Safety Precautions



Please read these thoroughly before operation:

- Do not unplug the power connector while the device is working
- Do not unplug power supply while your hands have liquid on them
- Do not clean or perform maintenance on the machine while it is powered on and plugged in
- Do not use the device on an unsteady or unlevel work surface
- Always wear proper PPE, and follow safety protocols of your institution, while operating
- Use in a well ventilated area or under a hood

4. Operation Guide

For Non-Adjustable Pumps:

1. Connect tubing to both pump and glassware
2. Ensure that everything is ready for pumping
3. Turn pump on and allow it to run.
4. Switch off when complete

For Adjustable Pump:

1. Connect tubing to both pump and glassware
2. Ensure that everything is ready for pumping
3. Turn pump on and use the knob to adjust vacuum rate as needed
4. Allow it to run.
5. Switch off when complete

5. Warranty Info

Tisch Environmental Inc. (dba: Tisch Scientific) conditionally warrants this instrument when used for its intended purpose for a 1-year period after the date of purchase. The warranty coverage is limited to manufacturing defects or product performance defects.

The subject warranty shall be voided under the following conditions but not limited to issues being caused by misuse or abuse of the product or customer tampering with the instrument or both.

Valid warranty claims as determined by Tisch Scientific will be dispositioned by replacement or repair.

Do not attempt to repair on your own.

Please contact us at **513-467-0222** or **support@tisch-env.com** for RMA info.
