

USER MANUAL

ELECTRIC VACUUM PUMP



This manual briefly explains how to use this device

The points illustrated below are: the on/off button , charging connector , analog vacuum gauge, air connector and release valve .



The on/off button turns the device on and off. In **I** position the device is operating, in **O** position the device is off.

The button is positioned to make it easy to use with the thumb switching with the pump held in one hand.

Charging connector



The connector to recharge the internal battery is located behind in the lower part of the device.

Analog vacuum gauge



The analog vacuum gauge, measures “ Hg (inches of mercury) , the green part ie 5 to 10 is a range considered high for static pumping .

Air connector and release valve



To the left of the photo is the white connector which connects to the cylinder, to the right of the **air** release valve. The pump is sold with standard male and female connectors suitable for many types of tubing.

The valve if pressed with moderate force releases air in the circuit and vacuum decreases slowly. It is positioned on the top of the device because by holding the pump by hand the index finger can easily be used to press it with minimal effort.

It 's a simple device. It has been designed to be hand held, and once the cylinder is depressurized., to rest on a flat surface. Its dimensions are H. 16 cm high and 5 cm in diameter. It has a good stability despite its lanky form. Hand held be reached with the thumb button on / off, and with the index finger operating the release valve while you have in front the vacuum gauge which indicates the value of the vacuum.

The cylinder tube must be connected to the connector, then just press the on / off switch and the. vacuum will rise very slowly so it is very easy to set it the desired value.

With no tube connected to the vacuum pump the circuit is closed, so if you turn on the pump without entering the tube the vacuum gauge will increase till the maximum value of the vacuum pump is reached. This is normal.

Maximum vacuum is about -15" HG. This device is made for static pumping, so once the desired vacuum is reached you must turn off the device.

The battery is 1400 MHA, has a long life. If the pump is to used every dayit need recharging once or twice a month.