

Replacement Filters



Set of 5 replacement 40 micron inlet filters.
Order No. **VF-40M-5**



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8/10/22

OPERATING INSTRUCTIONS AND SPECIFICATIONS

TV-1500 ELITE
Tweezer-Vac™ System
ESD Safe

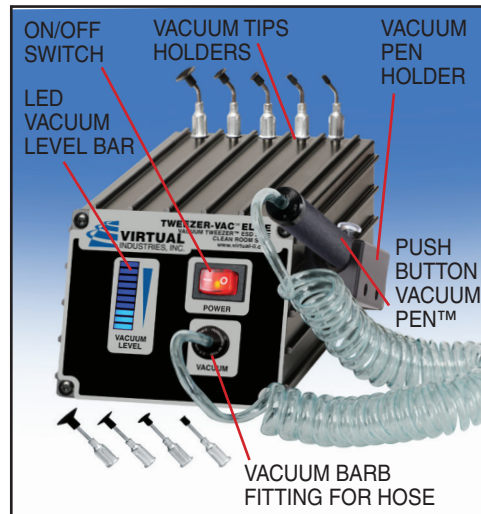
Model No. TV-1500-ELITE-110
Model No. TV-1500-ELITE-220



Operation of the TV-1500 Elite

1. Insure that the replaceable filter housing has a filter installed and is snugly tightened to insure no vacuum leaks. Turning clockwise tightens. Connect one end of the vacuum hose to the barb fitting on the filter housing and the other end to the barb on the VACUUM PEN™ handle that has the push button.
2. Select a probe with a vacuum cup that is slightly smaller in diameter to the outline of the parts that you want to pick and place. Securely install it on the tapered end of the vacuum handle. Selecting a vacuum cup that is too large or too small will result in improper operation.
3. Connect the 3 wire TV-1500 Elite power cord to input power. Turn the ON/OFF switch to the ON position. The LED vacuum level bar will glow at low brightness to show that power is on. When using small part tips several of the bars may illuminate brightly due to the tiny orifice of the tip being used.
4. To pick and place a part: Gently place the vacuum cup on top of the part that you wish to pick up. The part should now be firmly grasped by the vacuum cup. The display bars will light up brightly to show the level of vacuum that is present.
5. Now move the part to where want it. To release the part simply depress the button with your finger, the part should now be released and the display bars will indicate the reduced vacuum level.

NOTE: When using small parts tips a partial level of vacuum will be displayed when the tip is installed.



Specifications of the TV-1500 Elite



VACUUM:

Up to 8 inches of mercury at sea level.

DIMENSIONS:

LENGTH	HEIGHT	WIDTH
8" (203mm)	3" (76mm)	3.5" (89mm)

WEIGHT:

2.84 LBS. (1288.2 grams)

POWER REQUIREMENTS:

MODEL #	VOLTS A.C.	HERTZ	WATTS
TV-1500-110	110	50/60	4
TV-1500-220	220	50/60	4

THIS KIT INCLUDES:

- 5 feet of 2.5mm clear coiled ESD Safe vacuum hose.
- A set of nine vacuum tips.
- Five vacuum tip holders on top of tool.
- A control knob to reduce vacuum level to pick up tip.
- A push button VACUUM PEN™ (VVP-200).
- Bar LED graph power-on and vacuum-level indicator.
- Rubber no-skid feet.
- ESD ground connection is by three wire power cord.
- Produces vacuum of up to eight inches of mercury.

Hose color may vary. Vacuum hoses are available in straight or coiled custom lengths, please contact Virtual Industries to order (719) 572-5566. There are no returns or refunds on custom lengths.