ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *TestEquity / Techni-Tool Techni-Stat SMD-VAC-HF* at our website: *Click HERE*

Specifications

ESD SAFE:
GROUNDED THROUGH THREE WIRE CORD
ELECTRICALLY CONDUCTIVE VACUUM CUPS
STATIC DISSAPATIVE RUBBER HOSE
STATIC DISSAPATIVE PLASTIC NOZZLE

VACUUM:
MINIMUM 5 INCHES OF MERCURY AT SEA LEVEL.

DIMENSIONS:

LENGTH	HEIGHT	WIDTH
8” (203.2mm)	2.8” (70.6mm)	3.6” (91.44mm)

WEIGHT:
2.721 LBS.

POWER REQUIREMENTS:

MODEL # V8400	110 VOLTS A.C.	60 HERTZ	8 WATTS
MODEL # V8400-220	220 VOLTS A.C.	50 HERTZ	8 WATTS

SMD-VAC™-HF OPTIONS

VACUUM INTERRUPTER P/N V3025
Facilitates precision placement of small parts. The hand that holds the wand is used to position and/or rotate the part being placed while the other hand makes or breaks the vacuum.

SELECTION OF VACUUM CUPS WITH PROBES
The vacuum cups are a soft rubber material that allow handling a wide variety of small parts.

SELECTION OF MINIATURE VACUUM TIPS
These tips are designed to handle tiny parts as small as 0.01” (0.25mm).

OPTIONAL SIDE MOUNTED VACUUM PEN HOLDER
Mounts on side of SMD-VAC unit for vacuum pen storage.

Virtual Industries, Inc.
2130 Victor Place
Colorado Springs, CO 80915
U.S.A.

For technical assistance call toll free 1-800-590-5504
Tele: 719-572-5566
Fax: 719-572-5504
8:00 A.M. to 4:30 P.M. Mountain Standard Time

VIRTUAL INDUSTRIES, INC.

OPERATING INSTRUCTIONS AND SPECIFICATIONS

SMD-VAC™-HF
ESD Safe Vacuum Handling Tool

Model No. V8400
Model No. V8400-220

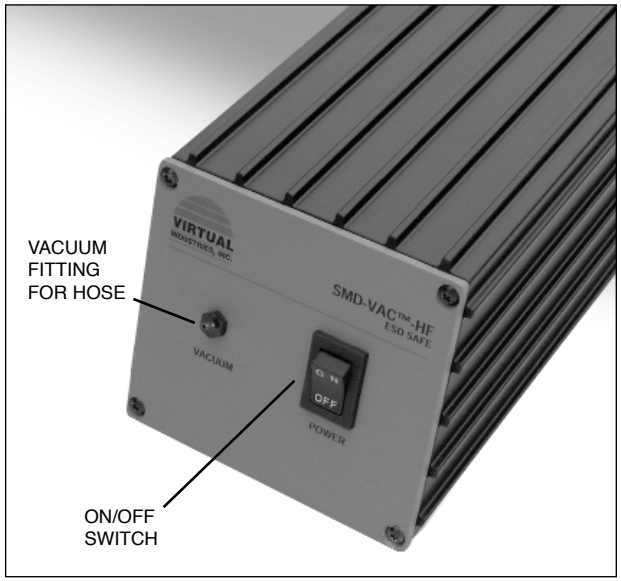


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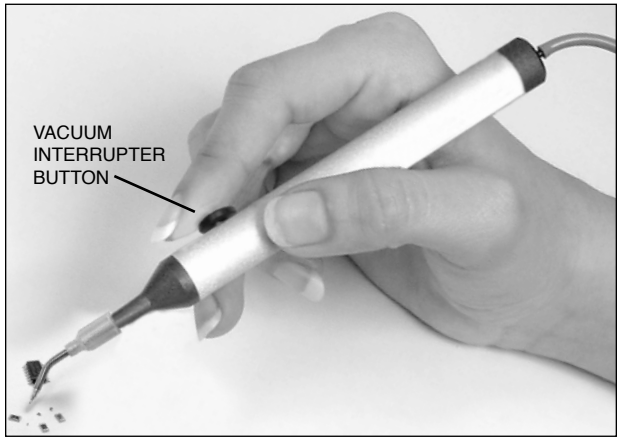
Operation of the SMD-VAC™-HF

1. Connect the small diameter vacuum hose to the vacuum fitting on the front of the SMD-VAC. Make sure the hose is pushed all of the way on. Connect the other end of the vacuum hose to the rear of the vacuum handle, again make sure the hose s pushed all of the way on.



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 SMD-VAC power cord to input power. Turn the ON/OFF switch to the on position.



4. To pick and place a part:

a. 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.

b. Now move the part to where you want it.

c. To release the part simply depress the button with your finger, the part should now be released.

5. Remember to turn the unit off when you are finished.

Using the optional Interrupter P/N V3025

PRECISION PARTS PLACEMENT

1. Connect the small diameter vacuum hose to the vacuum fitting on th front of the SMD-VAC. Make sure the hose is pushed all of the way on. Connect the other end of the vacuum hose to one side of the vacuum interrupter block. Connect another length of vacuum hose in between the other side of the vacuum interrupter block and the rear of the vacuum handle that has NO control hole (V3021-RF or optional V3121-RF), again make sure the hose is pushed all of the way on.

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 SMD-VAC power cord to input power. Turn the ON/OFF switch to the on position.

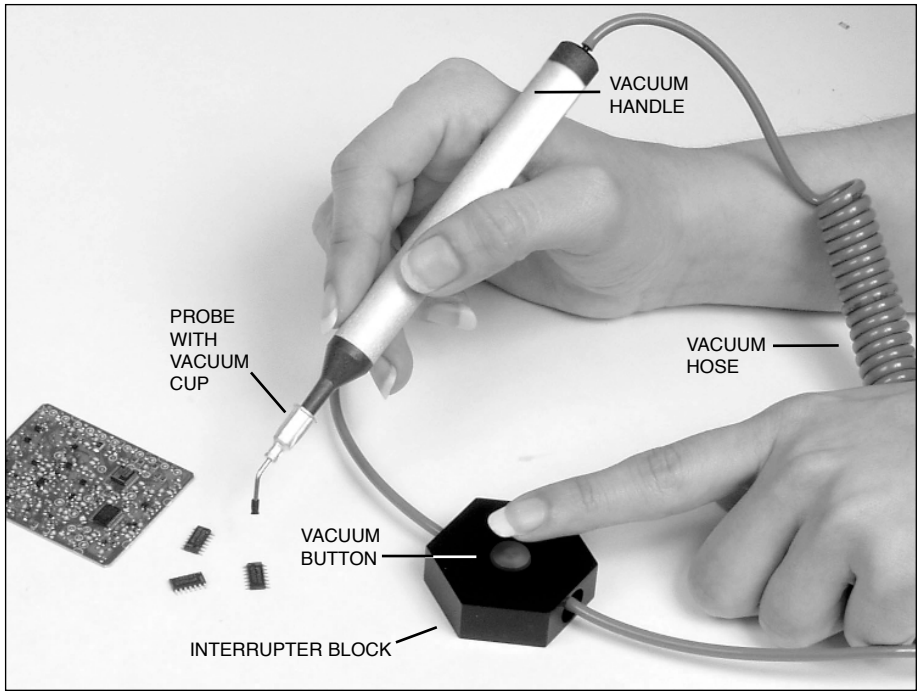
4. To pick and place a part:

a. 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.

b. Now move the part to where you want it.

c. To release the part simply depress the button on the interrupter block with your finger, the part should now be released.

5. Remember to turn the unit off when you are finished.



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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