

WAFER-VAC® ELITE ESD-SAFE Kit With 8 Inch Molded PEEK Wafer Tip

The WAFER-VAC® ELITE was developed as a result of customer concerns about firmly grasping critical components and not dropping them due to a vacuum leak. This vacuum tweezer uses an integrated ten segment bar-graph-display visibly shows the vacuum level present during operation. The bar graph will show minimum vacuum pressure until a part is grasped and then when a part is grasped the bar graph displays the vacuum level presented to the part being handled. Additionally, the vacuum port integrates a user replaceable inlet filter that protects operation of the tool from dust particles. This Vacuum Tweezer is available in various kits depending on your handling application.

NOTE: This item will not function properly without filter, see below for replacement intake filters (VF-40M-5). **NOTE:** Other Molded PEEK Wafer Tip sizes available, please see page 17, and our website.

This ESD-SAFE kit features:

- Dimensions 8" X 3" X 3.5" (203mm X 76mm X 89mm).
- Bar graph power-on and vacuum-level indicator.
- Class 100 Cleanroom Safe.
- Whisper-quiet operation.
- Long-life pump.
- Side mounted handle holder.
- Rubber no-skid feet.
- ESD ground connection is by three wire power cord.
- Produces vacuum of up to ten inches of mercury.
- Replaceable inlet filter (additional filter included).

This kit includes:

- COILED-VACUUM-HOSE-6 (VCH-2.5MM-6-BLK)
- PUSH-BUTTON-WAFER-PEN (VWP-500-2.5MM)
- MOLDED PEEK WAFER TIP (VMWT-C)
- 3 WIRE POWER CORD



VVE-9000-MW8-110

技术咨询与报价

VVE-9000-MW8-220

电话: 18823303057 QQ:2104028976

WAFER ADJUST-A-VAC® Vacuum Tweezer Kits

WAFER ADJUST-A-VAC® ESD-SAFE Kit With 8 Inch Molded PEEK Wafer Tip

The WAFER ADJUST-A-VAC® was developed as a result of customer concerns about manual handling of very thin/delicate substrates, wafers, MEMS devices and other very fragile components. This vacuum-tweezer allows the operator to adjust the vacuum level from just below atmospheric pressure to up to ten inches of mercury depending on the fragility of the part being handled. An integrated ten segment bar-graph-display visibly shows the vacuum level present during handling operations. The bar graph will show minimum vacuum pressure until a part is grasped and then the bar graph displays the vacuum level presented to the part being handled. Additionally, the vacuum port integrates a user replaceable inlet filter that protects operation of the tool from dust particles. This Vacuum Tweezer is available in various kits depending on your handling application. Kits are available in 110 or 220 volt operation. **NOTE:** This item will not function properly without filter, see below for replacement intake filters (VF-40M-5). **NOTE:** Other Molded PEEK Wafer Tip sizes available, please see page 17, and our website.

This ESD-SAFE kit features:

- Dimensions 8" X 3" X 3.5" (203mm X 76mm X 89mm).
- Bar graph power-on and vacuum-level indicator.
- Adjustment knob for vacuum level.
- Class 100 Cleanroom Safe.
- Rubber no-skid feet.
- ESD ground connection is by three wire power cord.
- Produces vacuum of up to ten inches of mercury.
- Replaceable inlet filter (additional filter included).
- Side mounted handle holder.

This kit includes:

- COILED-VACUUM-HOSE-6 (VCH-2.5MM-6-BLK)
- PUSH-BUTTON-WAFER-PEN (VWP-500-2.5MM)
- MOLDED PEEK WAFER TIP (VMWT-C)
- 3 WIRE POWER CORD



AV-5000-MW8-110

AV-5000-MW8-220

Intake Replacement Filters

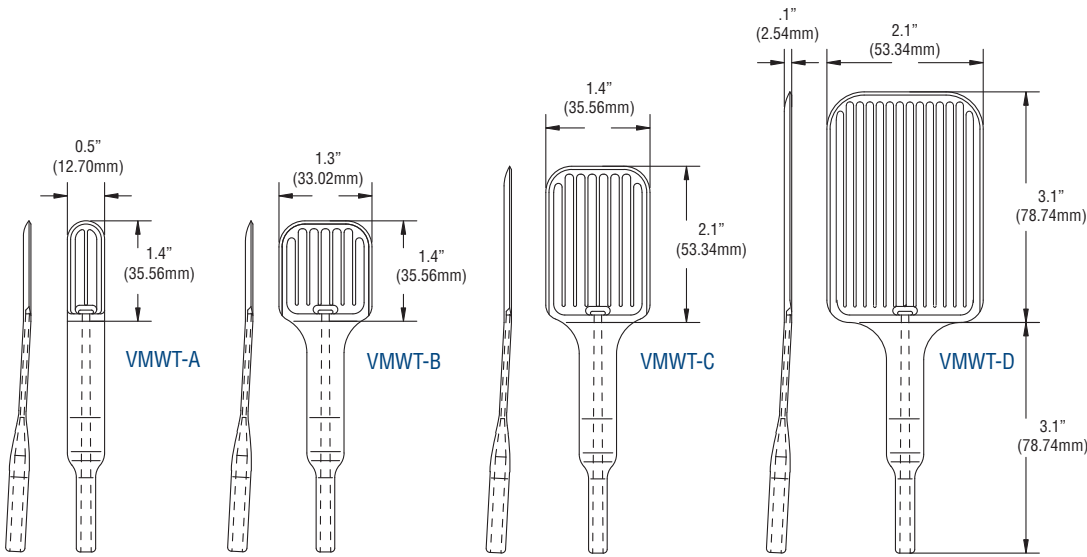
Replacement filter for TV-1500 and Adjust-A-Vac units. Includes a set of five 40 micron replaceable filters.

VF-40M-5



Photos are not to scale. Prices subject to change without notice.

Press-Fit
Molded Peek®



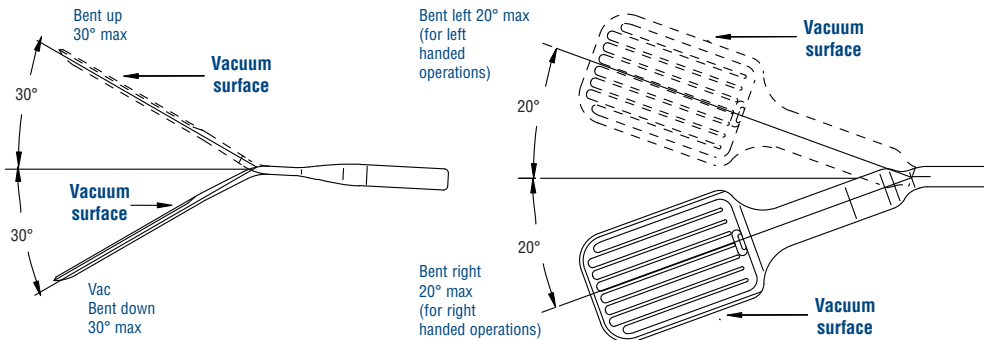
The PEEK® material selected for our molded wafer tips is an industry standard. They have excellent resistance to most chemicals. The non-sloughing carbon renders the wafer tips ESD safe. Excellent for applications up to 212°F (100°C).

Molded Peek Wafer Tips

These Wafer Tips are molded from ESD safe PEEK plastic to handle wafers up to 100°C. The low profile of the wafer tip head provides easy access to wafers in industry standard boats. These tips attach to all of our wafer handling tools as well as competitive systems.

VMWT-A	Recommended for handling up to 4" (100mm) wafers	\$ 70.80
VMWT-B	Recommended for handling up to 6" (150mm) wafers	\$ 70.80
VMWT-C	Recommended for handling up to 8" (200mm) wafers	\$ 70.80
VMWT-D	Recommended for handling larger sized wafers, (no left/right angles available)	\$ 83.30

Prices subject to change without notice.



Molded Wafer Tips VMWT-A, VMWT-B and VMWT-C are available with a 10°, 20° or 30° bend in the up or down direction as shown in the left drawing above. To order a tip with the up or down bend, add the angle plus a "U" for up or a "D" for down to the part number. *EXAMPLE: Part number VMWT-A20D is a VMWT-A Wafer Tip with a 20 degree bend in the down direction. Custom angles are available upon request. Pricing is as above.*

Molded Wafer Tips VMWT-A, VMWT-B and VMWT-C are available with a 10° or 20° bend in the left or right direction as shown in the right drawing above. To order a tip with the left or right bend, add the angle plus a "L" for left or an "R" for right to the part number. *EXAMPLE: Part number VMWT-C20R is a VMWT-C Wafer Tip with a 20 degree bend in the right direction. Custom angles are available upon request. Pricing is as above.*

Anti Rotate Adaptor

This adaptor is used with any of our PORTA-WAND "AR" series tools that have the pins protruding from the front end of the tool. The adaptor slides onto the front of the tool and engages the pins in one of eight possible positions to prevent rotation of the adaptor. A molded wafer tip can now be inserted into the front of the PORTA-WAND with the flat of the wafer tip engaging the slot in the adaptor. The wafer tip is now secure from rotating during wafer handling operations.

VMWT-ADAPT-AR	ESD-Safe Anti Rotate Tip Adaptor	\$ 80.80
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PORTA-WAND "AR" Series with pins.

Anti Rotate Adaptor slides on to front of tool engaging pins in one of eight positions of adaptor to prevent rotation.

Wafer tips flat surface engages into the slot of the adaptor to prevent any rotation.

Prices subject to change without notice.

WAFER HANDLING SYSTEMS

Wafer Handling Tools and Accessories



WV-9000 WAFER-VAC System
WV-9000-MW6

WV-9000 WAFER-VAC System

This compact unit will handle a wide variety of parts used in industry today. The long-life diaphragm vacuum pump generates up to 10 inches of mercury with an open air flow of 2.3 lpm. The unit connects to ground automatically with a three-wire power cord. The WV-9000 comes complete with the following features:

- Available in 110 or 220 volt models.
- Lighted On/Off switch.
- Whisper-quiet operation.
- Long-life pump.
- Class 100 Cleanroom Safe.
- Push-button wafer tip pen VWP-500-2.5mm.
- 6 foot clear coiled vacuum hose (VCH-2.5mm-6).
- Rubber no-skid feet.
- Top mounted handle holder.
- Foot print measures 7-1/4" X 3" X 2-1/2" (185mm X 76mm X 64mm).
- Produces up to 10 inches of mercury.

WV-9000-MW4	WAFER-VAC 110 volt system with 4 inch molded wafer tip (VMWT-A)	BUY IT NOW	\$ 315.00
WV-9000-MW6	WAFER-VAC 110 volt system with 6 inch molded wafer tip (VMWT-B)	BUY IT NOW	\$ 315.00
WV-9000-MW8	WAFER-VAC 110 volt system with 8 inch molded wafer tip (VMWT-C)	BUY IT NOW	\$ 315.00
WV-9000-MW4-220	WAFER-VAC 220 volt system with 4 inch molded wafer tip (VMWT-A)	BUY IT NOW	\$ 315.00
WV-9000-MW6-220	WAFER-VAC 220 volt system with 6 inch molded wafer tip (VMWT-B)	BUY IT NOW	\$ 315.00
WV-9000-MW8-220	WAFER-VAC 220 volt system with 8 inch molded wafer tip (VMWT-C)	BUY IT NOW	\$ 315.00



WV-9000-MW6



PAC-VAC Kit
V3200-CLN-MW6-2.5mm

PAC-VAC® Kit For Up To 8" Wafers And Substrates-Operates On A Nine Volt Battery

The PAC-VAC-CLN Cleanroom safe tool is battery operated and self-contained, runs up to eight hours continuously on one 9 volt alkaline battery. This versatile unit can be clipped to your belt or pocket for one-handed portable operation. This PAC-VAC® is constructed with ESD safe materials and comes complete with the following features:

- Bright blue power on LED indicator light.
- Class I Cleanroom Approved.
- A belt/pocket clip on the housing.
- 5 feet of coiled vacuum hose (VCH-2.5mm-5).
- A wafer/substrate handling tip for up to 8" substrates VMWT-C.
- A vacuum pick-up handle, VWP-500-2.5mm.
- One 9 volt disposable alkaline battery.
- Lightweight - only 156 grams.
- Produces vacuum of up to 16 inches of mercury.

V3200-CLN-MW4-2.5mm	PAC-VAC KIT with 4 inch molded wafer tip (VMWT-A)	BUY IT NOW	\$ 418.20
V3200-CLN-MW6-2.5mm	PAC-VAC KIT with 6 inch molded wafer tip (VMWT-B)	BUY IT NOW	\$ 418.20
V3200-CLN-MW8-2.5mm	PAC-VAC KIT with 8 inch molded wafer tip (VMWT-C)	BUY IT NOW	\$ 418.20

Press Fit Hub Adaptor ESD-Safe

Adaptor connects to VWP-500 Push-Button Wafer Pen or any of our wafer handling tools, also allows for use with vacuum cups with stainless steel probe and luer slip hub (see page 9 for details), small parts vacuum tips with stainless steel probe and luer slip hub (see page 14-15 for details) and delrin rigid lens handling tips with stainless steel probe and luer slip hub (see page 24 for details).

V2404	Press Fit Hub Adaptor	BUY IT NOW	\$ 34.40
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Prices subject to change without notice.