The Series 3 PORTA-VAC®
vacuum handling tools are
key to handling up to
300mm wafers. A safe
vacuum level indicator
illuminates only after
vacuum is established
between the wafer being
handled and the wafer tip.

SERIES 3
PORTA-VAC
with Disposable
9V Battery

Series 3 PORTA-VAC® Kit With 300mm Wafer Tip

This wafer handling tool kit comes with one machined wafer tip as listed below. Ideal for
handling wafers, disk media or any item that has a flat, hard surface. Easily lifts 300mm
wafers. A disposable 9V battery is included. Rear exhaust of the pump air is standard
on these units. The OPERATION INDICATOR turns on only when proper vacuum has
been established to firmly grip the wafer. The same light flashes when the battery needs
to be replaced or recharged. A switch setting on bottom of the tool allows selection of
alkaline battery or NiMH battery discharge characteristics for the battery low indicator.
A large on/off switch provides easy on/off control. An internal air filter (P/N PV4000-FIL-5)
is replaceable from the front of the tool. The Class 1 exhaust filter ensures clean operation.
An optional rechargeable battery pack and in-stand charger are also available for this
tool (see page 28 for details).

PV4300-VWT5R	Series 3 PORTA-VAC with wafer tip VWT-5R, handles up to 12" (300mm) wafers
PV4300-X	Series 3 PORTA-VAC only, no wafer tip

Series 3 PORTA-VAC® Kit With Molded Peek Wafer Tip

Same tool as described above except it is provided with a MOLDED PEEK wafer tip.
Ideal for handling wafers, disk media or any item that has a hard, flat surface.

PV4300-MW4	Series 3 PORTA-VAC with wafer tip VMWT-A, handles up to 4" (100mm) wafers
PV4300-MW6	Series 3 PORTA-VAC with wafer tip VMWT-B, handles up to 6" (150mm) wafers
PV4300-MW8	Series 3 PORTA-VAC with wafer tip VMWT-C, handles up to 8" (200mm) wafers

Series 3 PORTA-VAC® Kit With High Temp. Wafer Tip

Same tool as described above except it is provided with a TEFLON COATED ALUMINUM
wafer tip. Ideal for handling hot wafers, disk media or any item that has a hard, flat surface.

PV4300-TW4	Series 3 PORTA-VAC with wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers
PV4300-TW6	Series 3 PORTA-VAC with wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers
PV4300-TW8	Series 3 PORTA-VAC with wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers

300mm Wafer
Handling Tip

300mm Wafer Handling Tip

Designed for safely handling 300mm wafers. The large five inch (127mm) outside
diameter provides the support required to securely hold the large wafer. The center hole
helps reduce the wafer tip weight and minimizes contact area. The dual press fit adapter
provides both inner and outer o-ring gripping areas for added handling security. Now with
anti-rotate tip.

VWT-5R-AR

PORTA-VAC® II Kit With Molded Peek® Wafer Tip

This wafer handling tool kit comes with one MOLDED wafer tip as listed below. Ideal for handling wafers, disk media or any item that has a flat, hard surface. Easily lifts over 500 grams. A disposable 9V battery is included. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be changed or recharged. A switch setting on the bottom of the tool allows selection of alkaline battery or NiMH battery discharge characteristics for the battery low indicator. A large on/off switch provides easy on/off control. An internal air filter (P/N PV4000-FIL-5) is replaceable from the front of the tool. The Class 1 exhaust filter ensures clean operation. An optional rechargeable battery pack and in-stand charger are also available for this tool (see page 28 for details).

The PORTA-VAC II® wafer handling tool operates on a standard 9 volt alkaline battery or an optional rechargeable battery pack. This wafer tweezer replacement easily handles any size semiconductor wafer when equipped with the proper wafer tip.

PV4000A-MW4	PORTA-VAC II with wafer tip VMWT-A, handles up to 4" (100mm) wafers
PV4000A-MW6	PORTA-VAC II with wafer tip VMWT-B, handles up to 6" (150mm) wafers
PV4000A-MW8	PORTA-VAC II with wafer tip VMWT-C, handles up to 8" (200mm) wafers

技术咨询与报价
电话：18823303057 QQ:2104028976

PORTA-VAC II With Molded PEEK Tip

PORTA-VAC® II Kit With High Temp. Wafer Tip

This kit comes with one HIGH TEMPERATURE wafer tip as listed below. Ideal for handling HOT (UP TO 250°C) wafers, disk media or any item that has a flat, hard surface. Easily lifts over 500 grams. A disposable 9V battery is included. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be changed or recharged. A switch setting on the bottom of the tool allows selection of alkaline battery or NiMH battery discharge characteristics for the battery low indicator. A large on/off switch provides easy on/off control. An internal air filter (P/N PV4000-FIL-5) is replaceable from the front of the tool. The Class 1 exhaust filter ensures clean operation. An optional rechargeable battery pack and in-stand charger are also available for this tool (see page 28 for details).

PV4000A-TW4	PORTA-VAC II with wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers
PV4000A-TW6	PORTA-VAC II with wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers
PV4000A-TW8	PORTA-VAC II with wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers

PORTA-VAC II With High Temp. Wafer Tip

PORTA-VAC® II Tool

Ideal for handling wafers, disk media or any item that has a flat, hard surface. Easily lifts over 500 grams. A disposable 9V battery is included. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be changed or recharged. A switch setting on the bottom of the tool allows selection of alkaline battery or NiMH battery discharge characteristics for the battery low indicator. A large on/off switch provides easy on/off control. An internal air filter (P/N PV4000-FIL-5) is replaceable from the front of the tool. The Class 1 exhaust filter insures clean operation. A disposable battery is included. An optional rechargeable battery pack and in-stand charger is also available for this tool (see page 28 for details).

PV4000A-X	PORTA-VAC II only

PORTA-VAC II