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PORTA-WAND®

Rechargeable Battery Operated Wafer Handling Tools Replace Wafer Tweezers

Every wafer wand is tested to insure compliance with Class 1 particle contamination requirements. These tools are a natural replacement for wafer tweezers. The interchangeable PEEK wafer tip will not damage the wafer like a wafer tweezer can.

PORTA-WAND 110 Volt Kit



PORTA-WAND® Battery Operated Wafer Wand Kit

The PORTA-WAND kit comes with a fixed internal 9.6V NiMH rechargeable battery, in-stand charger (P/N VPW6000-CHRG) and one 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. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be recharged. A PUSH-BUTTON provides easy on/off control. An internal air filter (VPW6000-FIL-5) is replaceable from the front of the tool, and an internal exhaust filter ensures better than Class 1 performance. Provided with 110 Volt wall transformer.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

			1-9	10-24	25-up
			PRICE EACH		
VPW6000AR-MW4	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-A, handles up to 4” (100mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPW6000AR-MW6	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-B, handles up to 6” (150mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPW6000AR-MW8	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-C, handles up to 8” (200mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPW6000AR-TW4	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-100075PF, handles up to 4” (100mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPW6000AR-TW6	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-170110PF, handles up to 6” (150mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPW6000AR-TW8	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-250125PF, handles up to 8” (200mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**

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PORTA-WAND 220 Volt Kit



PORTA-WAND® Battery Operated Wafer Wand Kit

The PORTA-WAND 220V kit comes with a fixed internal 9.6V NiMH rechargeable battery, in-stand charger (P/N VPW6000-CHRG-220) and one 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. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be recharged. A PUSH-BUTTON provides easy on/off control. An internal air filter (VPW6000-FIL-5) is replaceable from the front of the tool, and an internal exhaust filter ensures better than Class 1 performance. Provided with CE approved 220 Volt power transformer.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

			1-9	10-24	25-up
			PRICE EACH		
VPW6000AR-MW4-220	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-A, handles up to 4” (100mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPW6000AR-MW6-220	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-B, handles up to 6” (150mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPW6000AR-MW8-220	BUY IT NOW	PORTA-WAND with PEEK wafer tip VMWT-C, handles up to 8” (200mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPW6000AR-TW4-220	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-100075PF, handles up to 4” (100mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPW6000AR-TW6-220	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-170110PF, handles up to 6” (150mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPW6000AR-TW8-220	BUY IT NOW	PORTA-WAND with TEFLON coated wafer tip VWT-250125PF, handles up to 8” (200mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**

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PORTA-WAND® ELITE

Rechargeable Battery Pack Operated Wafer Handling Tools



Every PORTA-WAND is tested to meet Class 1 clean room particle contamination requirements. A serialized particle counter printout is provided with every tool.

PORTA-WAND® ELITE 110 Volt Kit

The PORTA-WAND ELITE kit comes with a detachable 9.6V NiMH rechargeable battery pack, an in-stand charger (P/N VPW6000-CHRG) and one wafer tip as listed below. The detachable battery pack (VPWE-150) contains the rear exhaust filter for the entire tool to ensure better than Class 1 performance. The battery pack can be recharged when attached to the tool or when separated from the tool. Ideal for handling wafers, disk media, flat panels, or any item that has a flat hard surface. A power on indicator flashes when the battery pack needs to be recharged or interchanged with a fully charged battery pack. A PUSH-BUTTON provides easy on/off control with a lock to on position. An intake air filter (VPW6000-FIL-5) is replaceable from the front of the tool.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

		1-9	10-24	25-up
		PRICE EACH		
VPWE7000AR-MW4	PORTA-WAND ELITE with PEEK wafer tip VMWT-A, handles up to 4" (100mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPWE7000AR-MW6	PORTA-WAND ELITE with PEEK wafer tip VMWT-B, handles up to 6" (150mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPWE7000AR-MW8	PORTA-WAND ELITE with PEEK wafer tip VMWT-C, handles up to 8" (200mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPWE7000AR-TW4	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-100075PF, handles up to 4" (100mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPWE7000AR-TW6	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-170110PF, handles up to 6" (150mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**
VPWE7000AR-TW8	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-250125PF, handles up to 8" (200mm) wafers	**$ 1126.10**	**1069.80**	**1013.49**

PORTA-WAND ELITE 110 Volt Kit



PORTA-WAND® ELITE 220 Volt Kit

The PORTA-WAND ELITE kit comes with a detachable 9.6V NiMH rechargeable battery pack, an in-stand charger (P/N VPW6000-CHRG-220) and one wafer tip as listed below. The detachable battery pack (VPWE-150) contains the rear exhaust filter for the entire tool to ensure better than Class 1 performance. The battery pack can be recharged when attached to the tool or when separated from the tool. Ideal for handling wafers, disk media, flat panels, or any item that has a flat hard surface. A power on indicator flashes when the battery pack needs to be recharged or interchanged with a fully charged battery pack. A PUSH-BUTTON provides easy on/off control with a lock to on position. An intake air filter (VPW6000-FIL-5) is replaceable from the front of the tool. Provided with a CE approved 220 Volt power transformer.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

		1-9	10-24	25-up
		PRICE EACH		
VPWE7000AR-MW4-220	PORTA-WAND ELITE with PEEK wafer tip VMWT-A, handles up to 4" (100mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPWE7000AR-MW6-220	PORTA-WAND ELITE with PEEK wafer tip VMWT-B, handles up to 6" (150mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPWE7000AR-MW8-220	PORTA-WAND ELITE with PEEK wafer tip VMWT-C, handles up to 8" (200mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPWE7000AR-TW4-220	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-100075PF, handles up to 4" (100mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPWE7000AR-TW6-220	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-170110PF, handles up to 6" (150mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**
VPWE7000AR-TW8-220	PORTA-WAND ELITE with TEFLON coated wafer tip VWT-250125PF, handles up to 8" (200mm) wafers	**$ 1149.20**	**1091.74**	**1034.28**

PORTA-WAND ELITE 220 Volt Kit



RECHARGEABLE BATTERY PACK

Rechargeable battery pack for the PORTA-WAND ELITE hand tools. This 9.6V NiMH rechargeable battery pack (VPWE-150) also contains the rear exhaust filters for the entire tool to ensure better than Class 1 performance. The battery pack can be recharged when attached to the tool or when separated from the tool. The END CAPS are available in three colors.

	1-9	10-24	25-up
	PRICE EACH		
VPWE-150-BLUE	**$ 172.70**	**164.07**	**155.43**
VPWE-150-SILVER (Standard Color)	**$ 172.70**	**164.07**	**155.43**
VPWE-150-RED	**$ 172.70**	**164.07**	**155.43**

Rechargeable Battery



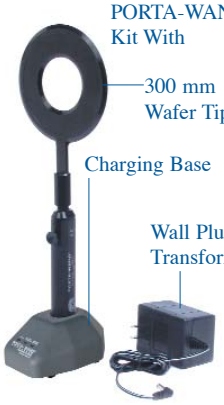
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SERIES 3 PORTA-WAND®

Rechargeable Battery Operated
Wafer Handling Tools

The Series 3 vacuum handling tools are key to handling up to 300mm wafers.



PORTA-WAND 3 Kit With 300mm Wafer Tip

This PORTA-WAND 3 kit comes with a fixed internal 9.6V NiMH rechargeable battery, an in-stand charger (P/N VPW6000-CHRG) and one 300mm Wafer Tip (VWT-5R page 27). Ideal for handling wafers, disk media or any item that has a flat, hard surface. Easily lifts 300mm wafers. 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 recharged. A PUSH-BUTTON provides easy on/off control. An internal air filter (VPW6000-FIL-5) is replaceable from the front of the tool, and an internal exhaust filter ensures better than Class 1 performance.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

		1-9	10-24 PRICE EACH	25-up
VPW6300AR-VWT5R-AR	BUY IT NOW Series 3 PORTA-WAND with 300mm Wafer Tip VWT-5R, handles up to 12" (300mm) wafers, 110 VOLT	**$ 1547.70**	**1470.32**	**1392.93**
VPW6300AR-VWT5R-220-AR	BUY IT NOW Series 3 PORTA-WAND with 300mm Wafer Tip VWT-5R, handles up to 12" (300mm) wafers, 220 VOLT	**$ 1570.80**	**1492.26**	**1413.72**



PORTA-WAND 3 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.

		1-9	10-24 PRICE EACH	25-up
VPW6300AR-MW4	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-A, handles up to 4" (100mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-MW6	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-B, handles up to 6" (150mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-MW8	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-C, handles up to 8" (200mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-MW4-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-A, handles up to 4" (100mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPW6300AR-MW6-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-B, handles up to 6" (150mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPW6300AR-MW8-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VMWT-C, handles up to 8" (200mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**



PORTA-WAND 3 Kit With High Temp. Wafer Tip

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

		1-9	10-24 PRICE EACH	25-up
VPW6300AR-TW4	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-TW6	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-TW8	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPW6300AR-TW4-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPW6300AR-TW6-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPW6300AR-TW8-220	BUY IT NOW Series 3 PORTA-WAND w wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPW6300AR-XWT	BUY IT NOW Series 3 PORTA-WAND w battery charger system VPW6000-CHRG without wafer tip	**$ 1316.70**	**1250.87**	**1185.03**
VPW6300AR-XWT-220	BUY IT NOW Series 3 PORTA-WAND w 220 volt battery charger system VPW6000-CHRG-220. No wafer tip.	**$ 1339.80**	**1272.81**	**1205.82**
VPW6300AR-X	BUY IT NOW Series 3 PORTA-WAND only	**$ 1027.95**	**976.55**	**925.16**

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SERIES 3 PORTA-WAND® ELITE

Rechargeable Battery Operated
Wafer Handling Tools



The Series 3 vacuum handling tools are key to handling up to 300mm wafers.

SERIES 3 PORTA-WAND® ELITE Kit With 300mm Wafer Tip

The SERIES 3 PORTA-WAND ELITE kit comes with a detachable 9.6V NiMH rechargeable battery pack, an in-stand charger (VPW6000-CHRG) and one 300mm Wafer Tip (VWT-5R page 27). The detachable battery pack (VPWE-150 page 25) contains the rear exhaust filter for the entire tool to ensure better than Class l performance. The battery pack can be recharged when attached to the tool or when separated from the tool. Ideal for handling wafers, disk media, flat panels, or any item that has a flat hard surface. The OPERATION INDICATOR turns on only when proper vacuum has been established to firmly grip the wafer. The same light flashes when the battery pack needs to be recharged or interchanged with a fully charged battery pack. A PUSH-BUTTON provides easy on/off control with a lock to on position. An internal air filter (VPW6000-FIL-5) is replaceable from the front of the tool.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

		1-9	10-24 PRICE EACH	25-up
VPWE7300AR-VWT5R-AR	BUY IT NOW SERIES 3 PORTA-WAND ELITE w 300mm Wafer Tip VWT-5R, handles up to 12" (300mm) wafers, 110 VOLT	**$ 1547.70**	**1470.32**	**1392.93**
VPWE7300AR-VWT5R-220-AR	BUY IT NOW SERIES 3 PORTA-WAND ELITE w 300mm Wafer Tip VWT-5R, handles up to 12" (300mm) wafers, 220 VOLT	**$ 1570.80**	**1492.26**	**1413.72**



SERIES 3 PORTA-WAND® ELITE 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.

		1-9	10-24 PRICE EACH	25-up
VPWE7300AR-MW4	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-A, handles up to 4" (100mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-MW6	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-B, handles up to 6" (150mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-MW8	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-C, handles up to 8" (200mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-MW4-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-A, handles up to 4" (100mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPWE7300AR-MW6-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-B, handles up to 6" (150mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPWE7300AR-MW8-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE w wafer tip VMWT-C, handles up to 8" (200mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**



SERIES 3 PORTA-WAND® ELITE Kit With HIGH TEMP. Wafer Tip

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

		1-9	10-24 PRICE EACH	25-up
VPWE7300AR-TW4	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-TW6	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-TW8	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers, 110 VOLT	**$ 1374.45**	**1305.73**	**1237.01**
VPWE7300AR-TW4-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-100075-PF, handles up to 4" (100mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPWE7300AR-TW6-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-170110-PF, handles up to 6" (150mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPWE7300AR-TW8-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE with wafer tip VWT-250125-PF, handles up to 8" (200mm) wafers, 220 VOLT	**$ 1395.45**	**1325.68**	**1255.91**
VPWE7300AR-XWT	BUY IT NOW SERIES 3 PORTA-WAND ELITE with battery charger, 110 VOLT system VPW6000-CHRG without wafer tip	**$ 1316.70**	**1250.87**	**1185.03**
VPWE7300AR-XWT-220	BUY IT NOW SERIES 3 PORTA-WAND ELITE with 220 volt battery charger system VPW6000-CHRG-220. No wafer tip.	**$ 1339.80**	**1272.81**	**1205.82**
VPWE7300AR-X	BUY IT NOW SERIES 3 PORTA-WAND ELITE only	**$ 1027.95**	**976.55**	**925.16**



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PORTA-WAND® AND ACCESSORIES

Rechargeable Battery Operated Wafer Handling Tools

Additional tools or chargers can be purchased separately. The intake filter should be replaced on an annual basis or more frequently as needed.

Battery Charger System



Transformer

Charging Base

PORTA-WAND Tool



PORTA-WAND Elite Tool



Rechargeable Battery



Intake Air Filters



Battery Charger System

This charger system is used with the VPW6000B, VPW6300B, VPWE7000 and VPWE7300 series PORTA-WAND and PORTA-WAND ELITE vacuum handling tools.

			1-9	10-24	25-up
				PRICE EACH	
VPW6000-CHRG	BUY IT NOW	for 110 VOLT operation, with Transformer	**$ 288.75**	**274.31**	**259.88**
VPW6000-CHRG-220	BUY IT NOW	for 220 VOLT operation, with Transformer	**$ 311.85**	**296.26**	**280.67**
VPW6000-CHRG-XT	BUY IT NOW	Charger only no Transformer	**$ 259.90**	**246.91**	**233.91**
VPW6000-TRANS	BUY IT NOW	for 110 VOLT operation, Transformer only	**$ 34.65**	**32.92**	**31.19**
VPW6000-TRANS-220	BUY IT NOW	for 220 VOLT operation, Transformer only	**$ 57.75**	**54.86**	**51.98**

PORTA-WAND® Tool

The PORTA-WAND comes with a fixed internal 9.6V NiMH rechargeable battery. Ideal for handling wafers, disk media or any item that has a flat hard surface. Easily lifts over 500 grams. Rear exhaust of the pump air is standard on these units. The battery low indicator flashes red when the battery needs to be recharged. The PUSH-BUTTON provides easy on/off control with lock to on position. An internal air filter (VPW6000-FIL-5) is replaceable from the front of the tool, and an internal exhaust filter ensures better than Class1 performance. This tool is for users who would like to select their own wafer tip and in-stand charger separately.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

PORTA-WAND only. Requires a VPW6000-CHRG for proper operation.

			1-9	10-24	25-up
				PRICE EACH	
VPW6000AR-X	BUY IT NOW		**$ 843.15**	**800.99**	**758.84**

PORTA-WAND® ELITE Tool

The PORTA-WAND ELITE comes with a detachable 9.6V NiMH rechargeable battery pack (VPWE-150 see below for details) that contains the rear exhaust filter for the entire tool to ensure better than Class 1 performance. The battery pack can be recharged when attached to the tool or when separated from the tool. Ideal for handling wafers, disk media, flat panels, or any item that has a flat hard surface. A power on indicator flashes when the battery pack needs to be recharged or interchanged with a fully charged battery pack. The PUSH-BUTTON provides easy on/off control with a lock to on position. An intake air filter (VPW6000-FIL-5) is replaceable from the front of the tool.

Optional Feature: The two pins at the front of the tool allow use of the optional anti-rotate adaptor. This adaptor locks any of our molded wafer tips into one of eight rotational positions around the front of the wafer handling tool. See item number VMWT-ADAPT-AR on page 32 for a description of the operation.

PORTA-WAND ELITE only. Requires a VPW6000-CHRG for proper operation.

			1-9	10-24	25-up
				PRICE EACH	
VPWE7000AR-X	BUY IT NOW		**$ 843.15**	**800.99**	**758.84**

RECHARGEABLE BATTERY PACK

Rechargeable battery pack for the PORTA-WAND ELITE hand tools. This 9.6V NiMH rechargeable battery pack (VPWE-150) also contains the rear exhaust filters for the entire tool to ensure better than Class 1 performance. The battery pack can be recharged when attached to the tool or when separated from the tool. The END CAPS are available in three colors.

		1-9	10-24	25-up
			PRICE EACH	
VPWE-150-BLUE	BUY IT NOW	**$ 172.70**	**164.07**	**155.43**
VPWE-150-SILVER (Standard Color)	BUY IT NOW	**$ 172.70**	**164.07**	**155.43**
VPWE-150-RED	BUY IT NOW	**$ 172.70**	**164.07**	**155.43**

Intake Air Filters

Five pack of replaceable air filters for the PORTA-WAND/and PORTA-WAND ELITE

		1-9	10-24	25-up
			PRICE EACH	
VPW6000-FIL-5		**$ 38.10**	**36.20**	**34.29**

Prices subject to change without notice.

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