

TV-1000 SMALL PARTS KITS

技术咨询与报价
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ESD-Safe
Vacuum Handling Systems



TV-1000



TV-1000-SP8-BD



TV-1000-DLX-B



TV-1000 TWEEZER VAC® Kits

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 TV-1000 comes complete with the following features:

- Available in 110 or 220 volt models.
- Lighted On/Off switch.
- Whisper-quiet operation.
- Long-life pump.
- Push-button release vacuum pick-up handle VVP-200.
- Produces vacuum of up to 10 inches of mercury.
- Rubber no-skid feet.
- Side mounted handle holder.
- Foot print measures 7-1/4" X 3" X 2-1/2"

PRICE EACH

TV-1000	The TWEEZER-VAC® 110 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter, (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), and a push-button release vacuum pick-up handle VVP-200	BUY IT NOW \$ 238.80
TV-1000-220	The TWEEZER-VAC® 220 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter, (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), and a push-button release vacuum pick-up handle VVP-200	BUY IT NOW \$ 238.80

ESD Safe Delrin TV-1000 TWEEZER VAC® Kits

TV-1000-SP8-BD	The TWEEZER-VAC® 110 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter, (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), a push-button release vacuum pick-up handle (VVP-200), a set of ESD-Safe Delrin small parts tips (VSPT-TIPS-8-BD), a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 480.00
TV-1000-SP8-BD-220	The TWEEZER-VAC® 220 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), a push-button release vacuum pick-up handle (VVP-200), a set of ESD-Safe Delrin small parts tips (VSPT-TIPS-8-BD), a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 480.00
TV-1000-DLX-D	The TWEEZER-VAC® 110 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a push-button release vacuum pick-up handle (VVP-200), a set of ESD-Safe Delrin small parts tips (VSPT-KIT-16-D), including a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 684.00
TV-1000-DLX-D-220	The TWEEZER-VAC® 220 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a push-button release vacuum pick-up handle (VVP-200), a set of ESD-Safe Delrin small parts tips (VSPT-KIT-16-D), including a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 684.00

High Temperature Brass TV-1000 TWEEZER VAC® Kits

TV-1000-SP8-BB	The TWEEZER-VAC® 110 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter, (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), a push-button release vacuum pick-up handle (VVP-200), a set of bent gold plated brass small parts tips (VSPT-TIPS-8-BB), a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 480.00
TV-1000-SP8-BB-220	The TWEEZER-VAC® 220 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a set of nine ESD-Safe vacuum tips (VCS-9-B), a push-button release vacuum pick-up handle (VVP-200), a set of bent gold plated brass small parts tips (VSPT-TIPS-8-BB), a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 480.00
TV-1000-DLX-B	The TWEEZER-VAC® 110 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a push-button release vacuum pick-up handle (VVP-200), a set of bent gold plated brass small parts tips (VSPT-KIT-16-B), including a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 684.00
TV-1000-DLX-B-220	The TWEEZER-VAC® 220 volt model comes complete with the following accessories/ features: 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a push-button release vacuum pick-up handle (VVP-200), a set of bent gold plated brass small parts tips (VSPT-KIT-16-B), including a 16 position tip organizer/holder (VTH-16)	BUY IT NOW \$ 684.00

Refer to pages 14-15 for small parts tips

PAC-VAC®

The PAC-VAC® 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. The PAC-VAC® is constructed with ESD safe materials and comes complete with the following features:

- Bright blue power on LED indicator light.
- A belt/pocket clip on the housing.
- 5 feet of coiled vacuum hose, VCH-1/16-5.
- A set of nine vacuum tips, VCS-9-B.
- A vacuum pick-up handle, VVP-200.
- 9 volt disposable alkaline battery.
- Lightweight - only 156 grams.
- Produces vacuum of up to 16 inches of mercury.

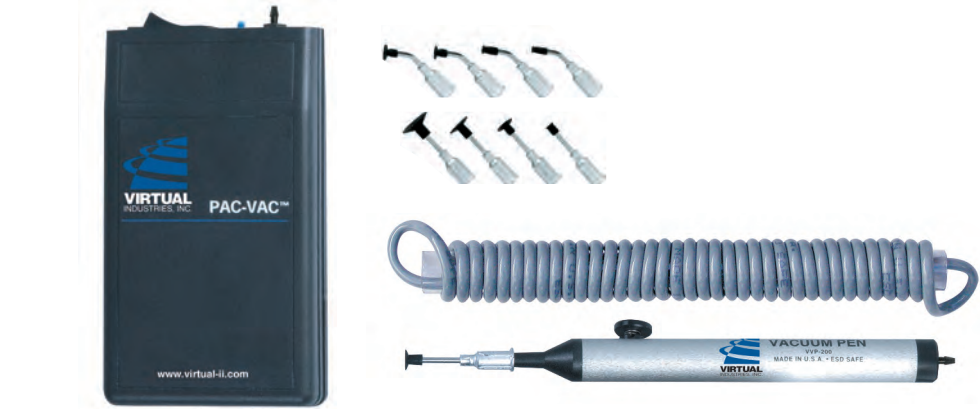
PRICE EACH

V3200	PAC-VAC kit	BUY IT NOW	\$ 223.70
V3200-CLN	PAC-VAC kit Clean room safe	BUY IT NOW	\$ 339.20
VCS-9-B	Replacement probe/cup kit	BUY IT NOW	\$ 28.30

Refer to pages 14-15 for small parts tips



The PAC-VAC is a portable continuous vacuum handling system that operates off a standard size 9 volt battery.



STEALTH-VAC™

The STEALTH-VAC operates directly on compressed air or nitrogen. Simply place the vacuum tip on the part to pick it up and tap the control button to release the part.

PRICE EACH

VVSV-KIT	The normally open Stealth Vac Kit with a set of 9 vacuum tips, 6 feet of 1/16" coiled vacuum hose, a set of nine ESD-Safe vacuum tips (VCS-9-B), a (V3014-1/8NPT) 1/8" NPT to 1/16" barb adapter for the supply line, the vacuum generating handle and a (VBM-3) holder for the wand. Operates off of 30 to 70 psi compressed air or nitrogen. This tool grips the part without depressing the button. A slight tap of the button releases the part	BUY IT NOW	\$ 190.50
VVSV-X	The normally open Stealth Vac vacuum generating handle. Includes 6 feet of 1/16" coiled vacuum hose, a (V3014-1/8NPT) 1/8" NPT to 1/16" barb adapter for the supply line and the vacuum generating handle. Operates off of 30 to 70 psi compressed air or nitrogen. This tool grips the part only while depressing the button. A slight tap of the button releases the part	BUY IT NOW	\$ 113.10



STEALTH-VAC™ ELITE

The STEALTH-VAC operates directly on compressed air or nitrogen. Simply place the vacuum tip on the part to pick it up and press the control button to pick up the part and press the button again to release the part.

PRICE EACH

VVSV-NC-KIT	The normally closed Stealth Vac™ ELITE Kit with a set of 9 vacuum tips, 6 feet of 1/16" coiled vacuum hose, a set of nine ESD-Safe vacuum tips (VCS-9-B)a (V3014-1/8NPT) 1/8" NPT to 1/16" barb adapter for the supply line, the vacuum generating handle and a (VBM-3) holder for the wand. Operates off of 30 to 50 psi compressed air or nitrogen. This tool grips the part only while depressing the button. Releasing the button releases the part. Conserves factory air	BUY IT NOW	\$ 280.70
VVSV-NC-X	The normally closed Stealth Vac ELITE vacuum generating handle. Includes 6 feet of 1/16" coiled vacuum hose, a (V3014-1/8NPT) 1/8" NPT to 1/16" barb adapter for the supply line and the vacuum generating handle. Operates off of 30 to 50 psi compressed air or nitrogen. This tool grips the part only while depressing the button. Releasing the button releases the part. Conserves factory air	BUY IT NOW	\$ 203.30



Operates on
compressed
air or nitrogen

ESD SAFE DELRIN & ACETAL SMALL PARTS TIPS

Vacuum Handling Tool
Accessories



Our machined small parts tips are designed to be used with a continuous vacuum source for handling parts as small as .006" (.152mm).

Delrin Tip

Stainless Steel

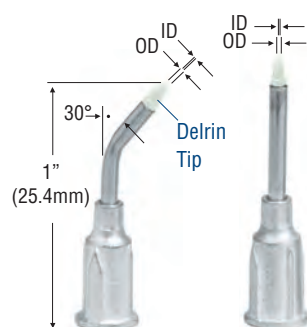
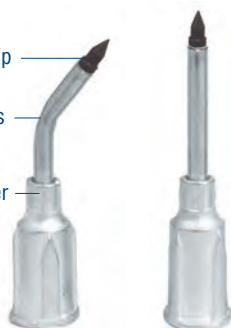
Zinc Luer Fitting



Acetal Tip

Stainless Steel

Zinc Luer Fitting



Small Parts Tips

These tips are designed for handling very tiny parts. Tips are available in ESD Safe Delrin plastic so there is no chance of static or mechanical damage. For a lower cost tip Non-ESD Safe Acetal is also available.

These tips must be used with continuous vacuum systems only.

- Beige Delrin - Static Dissipative temperature up to 212°F (100°C).
- Black Delrin/Acetal - Non ESD Safe temperatures up to 212°F (100°C).

PRICE EACH

Beige ESD Safe Delrin Small Parts Tips

VSPT1005-BD	Bent	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT2010-BD	Bent	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT2515-BD	Bent	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT3020-BD	Bent	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT4030-BD	Bent	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT6040-BD	Bent	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT7050-BD	Bent	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT8060-BD	Bent	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Delrin	BUY IT NOW	\$ 27.90

VSPT1005-SD	Straight	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT2010-SD	Straight	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT2515-SD	Straight	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT3020-SD	Straight	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT4030-SD	Straight	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT6040-SD	Straight	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT7050-SD	Straight	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Delrin	BUY IT NOW	\$ 27.90
VSPT8060-SD	Straight	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Delrin	BUY IT NOW	\$ 27.90

Black Non ESD Safe Acetal Small Parts Tips

VSPT1005-BA	Bent	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT2010-BA	Bent	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT2515-BA	Bent	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT3020-BA	Bent	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT4030-BA	Bent	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT6040-BA	Bent	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT7050-BA	Bent	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT8060-BA	Bent	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Acetal	BUY IT NOW	\$ 27.90

VSPT1005-SA	Straight	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT2010-SA	Straight	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT2515-SA	Straight	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT3020-SA	Straight	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT4030-SA	Straight	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT6040-SA	Straight	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT7050-SA	Straight	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Acetal	BUY IT NOW	\$ 27.90
VSPT8060-SA	Straight	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Acetal	BUY IT NOW	\$ 27.90

ESD Safe Small Parts Tips For As Small As 100 Microns (0.004")

VSPT0803-BD	Bent	0.008" (.203mm) OD x 0.003" (.076mm) ID	Delrin	BUY IT NOW	\$ 39.90
VSPT0803-SD	Straight	0.008" (.203mm) OD x 0.003" (.076mm) ID	Delrin	BUY IT NOW	\$ 39.90
VSPT0803-BA	Bent	0.008" (.203mm) OD x 0.003" (.076mm) ID	Acetal	BUY IT NOW	\$ 39.90
VSPT0803-SA	Straight	0.008" (.203mm) OD x 0.003" (.076mm) ID	Acetal	BUY IT NOW	\$ 39.90

HIGH TEMPERATURE SMALL PARTS TIPS

Small Parts Tips

These tips are designed for handling very tiny parts. High temperature Torlon for soldering applications, or Brass for general handling applications, all attached to a metal probe.

These tips must be used with continuous vacuum systems only.

- Olive Torlon - non ESD Safe temperatures up to 475°F (232°C).
- Gold Plated Brass - Conductive, gold plated temperatures up to 500°F (260°C).

PRICE EACH

Olive Torlon Small Parts Tips

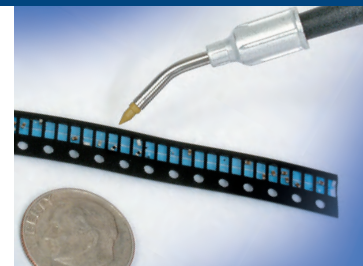
VSPT1005-BT	Bent	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT2010-BT	Bent	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT2515-BT	Bent	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT3020-BT	Bent	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT4030-BT	Bent	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT6040-BT	Bent	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT7050-BT	Bent	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT8060-BT	Bent	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90

VSPT1005-ST	Straight	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT2010-ST	Straight	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT2515-ST	Straight	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT3020-ST	Straight	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT4030-ST	Straight	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT6040-ST	Straight	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT7050-ST	Straight	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90
VSPT8060-ST	Straight	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	High-Temp Torlon	BUY IT NOW	\$ 27.90

Gold Plated Brass Small Parts Tips

VSPT1005-BB	Bent	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT2010-BB	Bent	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT2515-BB	Bent	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT3020-BB	Bent	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT4030-BB	Bent	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT6040-BB	Bent	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT7050-BB	Bent	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT8060-BB	Bent	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Brass	BUY IT NOW	\$ 27.90

VSPT1005-SB	Straight	0.010" (0.25mm) OD x 0.005" (0.13mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT2010-SB	Straight	0.020" (0.51mm) OD x 0.010" (0.25mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT2515-SB	Straight	0.025" (0.64mm) OD x 0.015" (0.38mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT3020-SB	Straight	0.030" (0.76mm) OD x 0.020" (0.51mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT4030-SB	Straight	0.040" (1.02mm) OD x 0.030" (0.76mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT6040-SB	Straight	0.060" (1.52mm) OD x 0.040" (1.02mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT7050-SB	Straight	0.070" (1.78mm) OD x 0.050" (1.27mm) ID	Brass	BUY IT NOW	\$ 27.90
VSPT8060-SB	Straight	0.080" (2.00mm) OD x 0.060" (1.52mm) ID	Brass	BUY IT NOW	\$ 27.90



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