

PACKING LIST

- 1 - Vanguard Platinum Dust Collector(10330)
- 1 - Large Accumulator (VMC-A300)
- 1 - 2 1/2" x 3' Hose (VMC-1023A)
- 1 - 2 1/2" x 6' Hose (VMC-1023)
- 1 - Adapter for 1 1/2" Accessory (VMC-1036)

IMPORTANT SERVICE INFORMATION:
SAVE SHIPPING BOX AND FOAM FOR FUTURE SERVICE. SHIPPING WITHOUT PROPER FOAM MAY CAUSE DAMAGE TO UNIT

ASSEMBLY INSTRUCTIONS for VANIMAN VANGUARD SINGLE STATION

1. Remove the unit and other parts from the packaging and check against the packing list.
2. Mount the Accumulator according to the mounting instructions included with it, or assemble the angle bracket to the dust collector as illustrated. Remove the two screws provided on the back of the unit and use them to fasten the angle bracket to the vacuum.
3. Connect the 2 1/2" hose from the unit to the top of the Accumulator. Different length hoses are available from your dealer. We recommend that you try to keep the total length of hose less than six feet between the unit and the dust collection point. A longer hose will reduce suction.

SETTING UP THE AUTOPILOT

The **AutoPilot** allows you to control your dust collector from a micromotor or lathe. When you start your micromotor, the dust collector will start automatically. When you stop your micromotor, the dust collector will continue for a short period of time to allow for the residual dust to be cleared.

1. Turn the unit on at the main power switch. The green switch should illuminate. Flip the black switch to "AUTOMATIC", the dust collector should go off.

WARNING:

The Autopilot will accommodate a micromotor, electric handpiece, or lathe that does not exceed **5 amps, 115VAC, total**

2. Plug one micromotor into the receptacle on the top of the dust collector. If the dust collector comes on, the sensitivity is set too high for your micromotor; we will adjust it in a moment. If the dust collector did not start when first plugged in; start the micromotor now. If the dust collector starts, then the sensitivity is set correctly. The dust collector will continue to run for about 10 seconds after you stop using the micromotor.
3. If the sensitivity is not set correctly, it can be adjusted by the screw located on the top of the unit to the left of the bag indicator located by the arrow in Figure I. To increase the sensitivity, turn the screw counter-clockwise (to the left). If your dust collector did not start when you started the micromotor, then increase the sensitivity by turning the screw slightly counter-clockwise waiting two seconds after each adjustment. Try the micromotor again. If the dust collector does not start, then increase sensitivity a little more. Repeat this process until the dust collector starts when the micromotor is running.

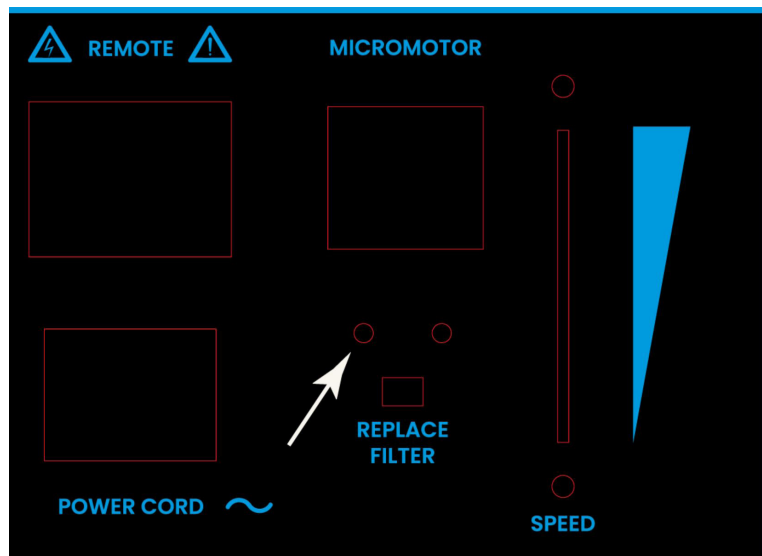


Figure I - Adjustment Screw Location

If the dust collector starts when the micromotor is plugged in but not running, then the sensitivity is set too high and you need to decrease it by turning the screw slowly clockwise (to the right). Allow at least 10 seconds between adjustments for the time delay. When you reach the point where the dust collector stays off; try the micromotor and the dust collector should start automatically. If it does not, then you may have decreased the sensitivity too much. Increase the sensitivity as described in the paragraph above.

NSK Ultimate XL-K and/or Z500 Series Handpiece Users

From the NSK Ultimate XL-K and Z500 Users manual:

“Vacuum-coupled Mode

On some dental tables with vacuum dust collector, the motor may be used while being coupled with a dust collector.

When such a dust collector is used, power consumption of the Ultimate XL-K/Z500 can be regulated so that the vacuum coupled function can work. If you need coupling with a vacuum dust collector, select the mode as follows:

How to select the mode

While pressing Forward/Reverse Selector Switch (button), turn on the Power Switch, and the mode can be selected. A long beep indicates vacuum-coupled mode and 2 short beeps indicate non-coupled mode. Each time the switch selection is made, the mode changes between vacuum-coupled mode and non-coupled mode.”

MAINTENANCE

- 1. Filter Bag Replacement** - When a noticeable drop in suction occurs or the unit will shut down, it may be time to replace the filter bag. **DO NOT** attempt to clean out the filter bag. Replace with a new Vaniman filter bag. Change the filter bag by unscrewing the two thumb screws located on the side panel, and remove the cover plate. The filter bag will now be exposed. Remove the used filter bag by sliding it off the inlet tube. The front of the cardboard reinforcement may need to be tilted downward slightly to remove bag easily. Once removed, check the inside of the filter bag compartment. If dust is present please clean out the filter compartment. Cause for residual dust may be that the filter bag was improperly installed. Vacuum out any dust before putting in a new bag; this will increase the life of the unit. Filter bag order number is **VMC-A400-5**, which can be ordered through your supplier.
- 2. Installing a New Filter Bag** - slip the cardboard reinforcement, with rubber seal, over the inlet tube. You may need to tilt the front of the cardboard downward and slip the back edge up past the tube end, then rotate upward over the tube end. Carefully tuck the edges of the filter bag into the filter bag cavity. Replace the cover plate and gently tighten the thumb screws. Only gentle pressure need be used to make the gasket seal as the vacuum pressure will draw the cover tight.
- 3. Circuit Breaker** - The unit is protected by a circuit breaker on the rear of the unit. In the unlikely event that there is an overload condition the breaker may trip. If this happens reset the breaker by pushing on the white button until it clicks into place.
- 4. Motor protection** - the Vanguard motor is thermally protected against overload. If the unit becomes overheated, the thermal fuse will blow and must be replaced before the unit will operate again. A thermal Cutoff Kit can be ordered through the factory at 1-800-VANIMAN (826-4626) or through your supplier. **P/N 97013**

RECOMMENDED USAGE

1. Individual work station (2½" hose) or two station (1½" hoses) dust collection for cutting, grinding and polishing of metal, porcelain, plastic and stone.
2. The unit may be used alone or in conjunction with the Large Vaniman Pre-Filter Accumulator. The Accumulator will trap 90-95% of the dust in the collection trap, extending the life of the filter bag by up to 10 times.
3. The Vanguard Platinum 2x is **NOT RECOMMENDED** for use with aluminum oxide abrasive blasting. Such use will void the warranty. The fine abrasive particles will cause motor damage. However, Vaniman has a suction unit designed specifically for abrasive blasters; it is called the SandVac (**P/N 10211**). Contact your dealer for availability.

ACCESSORIES & REPLACEMENT PARTS

4. The following items are offered to enhance the usage of your quality Vaniman unit. These items can be ordered through your supplier using the following part numbers. Please feel free to contact Vaniman Mfg. Co. with questions regarding our products.

Odor Filter	P/N 96013
Post Filter	P/N 96014
HEPA Filter	P/N 96016
Filter Bag (5 Pack)	P/N VMC-A400-5
Filter Bag (3 Pack)	P/N VMC-A400-3
Remote Switch	P/N VMC-A450
Dual Remote Switch	P/N VMC-A455
Foot Remote Switch	P/N VMC-A460