

Operating Instructions

Tumble-Vibe 5 and Tumble-Vibe 10



Tumble-Vibe 5

Tumble-Vibe 10

Your new Raytech Finishing machine is useful for a wide variety of finishing options. The following are a few examples:

- Deburring metal stampings and machined parts.
- Descaling metal castings.
- Cutting radii on sharp edges of metal parts.
- Polishing metal or plastic parts.
- Grinding and polishing “baroque” gemstones from rough chips.
- Smoothing and polishing preformed cabochons and small slabs.
- Polishing seashells.

NOTE: THE TV-10 UNIT CANNOT BE USED WITH STEEL SHOT OR CERAMIC.
THE TV-5 UNIT CAN BE USED WITH UP TO 4 LBS. OF STEEL SHOT OR CERAMIC.
IMPROPER USE OF EQUIPMENT WILL VOID WARRANTY.

Otherwise, equipment is warranted for one year from date of purchase.

Each type of product finishing requires its own sequence of steps with appropriate abrasives, polishes and medias.
Consult your distributor for recommended media and compounds.



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General Instructions

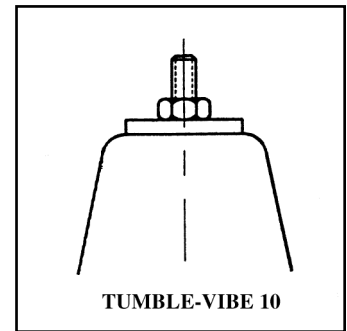
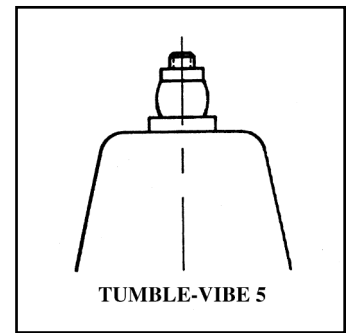
Your new Raytech Tumbler comes with a motorized base, one bowl and one lid. If the tumbler will be used for polishing as well as for cutting, always reserve one bowl strictly for the polishing step so that it will be free from embedded cutting grit. See parts list below.

To install the bowl, place it over the threaded stud in the base and screw on the nut provided. It is essential that this nut be tightened properly so that the bowl will not vibrate loose. Note: If you have the Tumble-Vibe 5 model, the larger end of the rubber nut should seat against the top of the bowl and you should tighten this nut until the rubber begins to bulge. (See sketch) An easy way to do this is to tighten by hand until it is snug. This applies to both models.

The working capacity of the Tumble-Vibe 5 is approximately .05 cu. ft. (or three pints) or 4 pounds.

The working capacity of the Tumble-Vibe 10 is approximately .1 cu. ft. (or six pints) or 8 pounds.

The capacity includes both the media and the work pieces.



Maintenance

The following maintenance should be performed after every use:

1. Inspect interior of bowl at all times for premature wear.
2. Inspect wiring prior to turning on at all times for premature wear.
3. Check tightness of all hardware.
4. Keep the unit clean!
5. When using grits, don't allow to run too dry as this will cause premature wear on the bowl. (i.e. no standing water - slurry mixture.)
6. Keep shaft clean of grits and water.

Health & Safety Cautions

1. Do not cover the machine with anything (such as a blanket or a box) to insulate the noise as this could cause overheating and become a fire hazard.
2. Always connect the machine to a power source that has been properly grounded to prevent any possible electrical shock.
3. Models 5 & 10 are designed not to "walk" during normal operation. We recommend that the machine be placed on a solid floor away from any combustible materials. If the machine is used on a bench, it should be blocked in to prevent any accidents. Do not bolt or attach these units to a workbench by any means, as this will void warranty.
4. Never attempt to operate or experiment with other than recommended media and compounds.
5. Do not dispose of grits down drain. Remove as much grit as possible by straining.

Replacement Parts

TV-5 Replacement Parts

Description	Item #
Bowl & Lid	#23005
Shaft Assembly	#8094230
Rubber Well Nut	#23004
Lid Only	#8094151
Motor Base Assm. 115V	#30251
Motor Base Assm. 230V	#30290

TV-10 Replacement Parts

Description	Item #
Bowl & Lid	#23010
Shaft	#8094380
Wing Nut	#8033450
Strainer Assembly	#23114
Motor Base Assm. 115V	#30252
Motor Base Assm. 230V	#30291
Washer (on bowl)	#8077280
Hex Nut (in bowl)	#8033900
Washer (in bowl)	#8032600