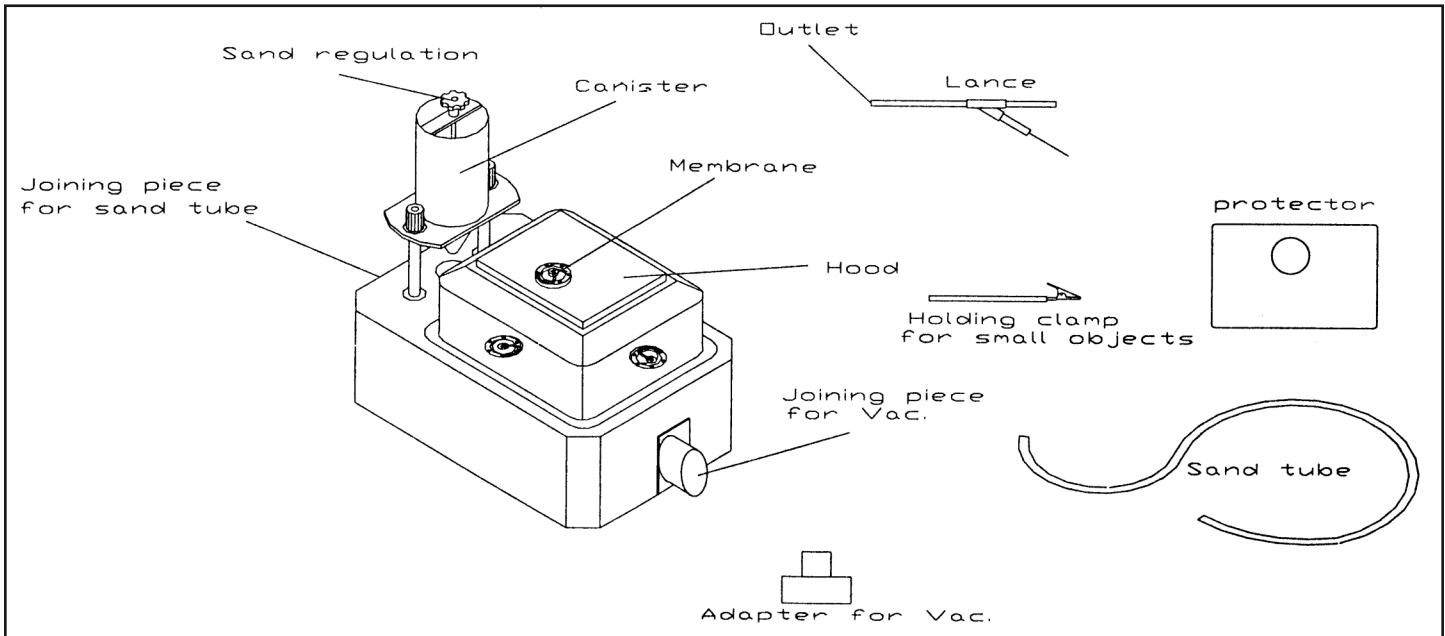


#82775 MicroLux Grit Blaster Instructions for Use

Overview

The MicroLux Grit Blaster requires no compressor. The necessary energy is supplied by a bagless shop vacuum (such as our #86848 Stanley Wet/Dry Vac, available separately). The resulting stream of air is strong enough to efficiently remove paint and tarnish, yet gentle enough to use on plastic models without damage. And since the cabinet is under vacuum, grit and debris stay inside the chamber where it belongs.



Set-up

Referring to the diagram above, insert the hose of your vacuum into the **Joining Piece for Vac.** Use the supplied adapter if required. Prior to pouring your selected blasting grit into the **Canister**, the **Sand Regulation** knob must be closed. To do so, turn the knob **counter-clockwise** until the plug at the bottom seals the canister. Fill the canister with an inch or two of blasting material. Connect one end of the **Sand Tube** to the **Lance** and the other end to the **Joining Piece for Sand Tube**, making sure that the tube is free of any kinks that would impede the flow of air and/or abrasive.

The **Hood** is supplied without a **Protector** (Vision Portal) installed. These are clear, adhesive-backed films which protect the inside of the hood from the blasting grit. **To maintain optimal visibility through the hood for years to come, you MUST operate the Grit Blaster with a protector/vision portal installed.** To install, remove the backing from a protector, then carefully align and attach it to the **inside** of the hood, making sure that it surrounds the **Membrane** at the top of the hood. If the cabinet is not to be used for an extended period of time (in excess of several months), then the protector should be removed so that the adhesive does not become permanent and cause damage to the hood.

There are three **Membranes** provided in the hood. Remove the cap on one of these to insert the **Outlet** part of the **Lance** into the hood to most effectively reach the area of your workpiece to be blasted. Another membrane cap can be removed at the same time so that you may use the **Holding Clamp** to secure your workpiece in position. If a membrane is not being used, you must cap that membrane to maintain suction within the cabinet.

Trial Blasting

With blasting material loaded as described above and a scrap piece inside the chamber, close the Hood down onto its rubber seal, insert the Lance into one of the 3 Membranes, and turn on your vacuum. Slowly open the Sand Regulation knob by turning it **clockwise**. This will cause the brass plug to drop down a bit and allow the blasting material to drop out of

Trial Blasting (continued)

the chamber and into the hole beneath. It is now picked up by the vacuum's draw and directed through the Lance at your workpiece. Slowly move the Lance around the workpiece, observing what changes are taking place. Try different distances and durations of blasting, noting how the abrasive does its work. Do this with each material so that you may determine which will best accomplish the job at hand and what results you may anticipate. The more you experiment, the better results you will achieve.

Blasting Booth Tips

The use of a bagless vacuum enables the user to collect and re-use blasting material for the next job. To do so, simply vacuum up the material at the bottom of the blasting chamber and inside the canister and return it to the original container.

Additional Vision Portals are available from Micro-Mark (#86843).

Always ensure that the Sand Tube remains kink-free so the flow of blasting material is unimpeded.

If you observe that material is not flowing properly, check the following: the plug at the bottom of the Canister must be opened sufficiently; the Sand Tube and Lance must be unobstructed; the vacuum must not be full or clogged; the Hood must be seated properly on the base; the unused Membrane caps must be closed.

After re-using the same blasing material several times, it will become less effective. When performance is not meeting previous results/expectations, it is time to order new blasting material.

Never remove the Hood from its base without closing the blasting material inlet and shutting down your vacuum.

Always wear proper eye protection when using the Grit Blaster; a dust mask may also ease any potential discomfort, depending on your level of sensitivity.

Blasting Material

The following blasting materials are available from Micro-Mark in convenient 5 lb. tubs:

#84296 Fast Cutting Compound for aggressive cleaning

#82533 Crushed Glass for tarnish removal

#82534 Glass Beads for a smooth finish

Happy Blasting!

