

# MAINTENANCE SCHEDULE

## NO. 2 PROCESS™ HANDGUN

### DAILY:

#### START-UP:

1. Check the bell edge for chips. Small chips may be filed out from the inside edge of the bell. Large chips require that the bell be replaced.
2. Check that clean solvent is in the safety container and that the container is grounded.
3. Place the bell on the gun shaft (by pushing and turning it). Position the contactor brush to touch the outside edge of the bell. Position the feed tube to about the five o'clock position inside of the bell (as seen from the back of the gun). The feed tube should **NOT** touch the bell.
4. Turn the power supply **ON**. The pilot light should go on immediately. Turn the gun switch **ON** (bell rotation and high voltage). Hold the gun bell parallel to and 5 to 7 inches from the part being coated. Pull the trigger.  
**NOTE:** Typical paint pressures to use are from 3 to 10 psi. Adjust the pressure up or down for the best speed and delivery. Coarse atomization may be caused by excessive pressure or improper electrical resistance of the coating material. (See current "No. 2 Process Handgun" manual - [www.ransburg.com](http://www.ransburg.com).)

#### SHUT DOWN:

1. Release the gun trigger. (Let bell cup rotate for two to three seconds before proceeding.)
2. Turn the gun switch **OFF** (bell rotation and high voltage)!
3. Remove the bell from the gun by repositioning the feed tube to the one o'clock position. Hold the rotating bell on the shaft and pull it forward.
4. Clean the bell with a soft brush or cloth in a suitable solvent (see current "No. 2 Process Handgun" manual - [www.ransburg.com](http://www.ransburg.com)).

**CAUTION: DO NOT soak the bell.**

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**WARNING! DO NOT immerse the gun or any part of it!**

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#### END OF SHIFT:

1. Follow steps 1 through 3 of "Shut Down".
2. Place the gun on the support clamp fixture. (This prevents solvent and paint from attacking the unit.)
3. Completely disassemble the bell and clean it thoroughly with a soft brush or cloth in a suitable solvent.
4. Reassemble the bell.
5. Flush the system with solvent, insure discharge bucket or safety container is grounded.  
**NOTE:** Frequency of flushing depends on paint type, viscosity, circulating or non-circulating system, heated or other system, hours of use per day, etc. Therefore, no general recommendation can be made. Check the equipment closely after initial installation and establish a periodic flushing schedule based on the observed requirements.
6. Wipe the gun, cable, and hose clean with a cloth and a suitable solvent.
7. Reinstall the bell on the gun.

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**WARNING! DO NOT immerse or soak the gun!**

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### WEEKLY:

1. Inspect all equipment for damage, leaks, and paint buildup. Correct any problems **IMMEDIATELY!**
2. Measure the electrical output of the gun. The short circuit current should be 80 to 100 microamperes. Refer to the current service manual for "Testing Procedures" - [www.ransburg.com](http://www.ransburg.com).
3. Check o-rings for fit and condition.

### GENERAL CARE SUGGESTIONS:

- Good housekeeping is always necessary to ensure quality finishes, eliminate rejects, and reduce servicing requirements.
1. Leave solvent in the lines when the equipment is **NOT** in use.
  2. Always circulate and agitate coating materials that settle-out rapidly (such as metallic paints).
  3. Always suspend hoses and cables off of the floor to avoid damage and kinks.

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**WARNING! NEVER allow cables to be stepped on or run over!**

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