



### **BINKS - Binks 6202-1202-8**

#### **Mach 1 (M1) HVLP PRESSURE FEED GUN**

**NOTE** - When ordering this product request that it be set up with: - **92 Tip 97P Air Cap**

- Excellent performance – 97AP air cap atomizes the full range of fleet refinishing materials, providing a wide, consistent fan pattern
- Waterborne & UV compatible
- Self-adjusting fluid packing cartridge
- Designed to stand up under hard, continuous use

#### Specifications

50 psi air inlet pressure delivers

10 psi air cap pressure and

22.5 cfm air volume required

54-3935 Air Cap Test Kit

#### **1) What type of Spray Gun do you recommend?**

HVLP? **See above**

Air Pressure settings? **A range of 15 to 6 PSI at the gun can be used as starting point**

Nozzle setting? **Wide fan with minimal air atomization**

Gravity or Siphon Feed type - **Either**

What do you use to clean your gun after using this product? **Alcohol or acetone**

#### **2) Developing your own feel for curing by hand is necessary as different people have a different touch (heavy vs light) but just as a guideline...**

Q - How far from the piece should I hold this light?

A - **2" to 4"** (handle it like its and HVLP gun)

Q – Method of Passing the UV Light to dry - Assuming a slow, methodical pace, how many passes should it take to cure the product?

A – **<http://www.cureuv.com/uv-lamp-curing-technology-101.html>**

With a 1 W/cm<sup>2</sup> intensity - 3-4 passes @ 2" to 3" away from substrate (12" travel distance in 5 seconds)

With a 3 W/cm<sup>2</sup> intensity - 1-2 passes @ 2" to 3" away from substrate (12" travel distance in 2 seconds)

**NOTE**- The goal with cureUV.com 100% UV products is 250mJ/cm<sup>2</sup> @ 365 wavelength. The higher the output of the UV, the easier profiles become to cure and faster the irradiator (UV head) can be moved similar to machine type motion. More energy means faster curing and better depth of cure.

#### **3) Breakdown of steps to a good finish**

1. Apply Adhesive Promoter/sealer with foam brush or rag removing all excess puddling/pooling of material with dry side of rag. Allow to fully air dry to touch.
2. Apply pore filler with rag – look at the guitar video @ <http://www.cureuv.com/uv-wood-finishing-video-resource-library.html>
3. UV Cure
4. Scuff/level sand with 220
5. Spray thin coat of finish (wetlook gloss or satin @ 2 mil)
6. UV Cure
7. Scuff/level sand with 220
8. For more build - Spray thin coat of finish (wetlook gloss or satin @ 2 mil)
9. UV Cure
10. Prep sand for additional coats or Use your final finishing technique sanding buffing etc.