Read this manual carefully and understand it completely.
Retain manual for future use.

**Important Safety Instructions**

1. Always wear eye protection, gloves and respirator to prevent against harmful vapors while spraying.
2. Never use oxygen or any other combustible or bottle gas as a propellant. Explosion and serious injury or death may result.
3. Many paints and solvents can be highly flammable. Please use the spray gun only in well-ventilated areas, do not smoke or use near open flame.
4. Always disconnect the paint gun from air supply when not in use and during maintenance. For emergency stopping and to prevent unintended operation, a valve near the gun is recommended.
5. Inspect the tool before each use to ensure there is no leakage or misaligned parts. Be sure the trigger moves freely.
6. Never use halogenated hydrocarbon solvent, as it can chemically react with aluminum and zinc parts of this tool.
7. Do not make any modifications to this tool.

**Figure 1:**
Operating Instructions

POWER SOURCE
This tool operates best on a clean, dry supply of compressed air delivered at 29 to 50 psi. Use of a moisture trapping air filter (ATD-7812) is highly recommended as moisture or foreign matter can damage the internal parts of this tool.

CAUTION: All air pressure in the system should be rated at 29 to 50 psi. Higher or lower pressure can adversely influence the operation or cause damage to this tool.

NOTE: To maintain a maximum 10 PSI at the nozzle, use a minimum of 29 psi at the inlet.

TOOL PREPERATION
1. Check tool for worn or damaged parts. Repair or replace as necessary.
2. Check trigger to ensure that it moves freely.
3. Connect tool to air supply.
4. Adjust air pressure based on paint viscosity and paint manufacturer’s recommendation. (fig 2)
5. Clean paint guns before use, to ensure any factory oils or pigments are not present. Do not use halogen hydrocarbon or acidic solvents to clean paint guns.
6. Pour paint into cup.

Figure 2:

GUN HANDLING
For best results, please follow these basic guidelines:
1. Keep the spray gun perpendicular to the surface. Spraying in an arc will not give good results. (Fig. 3)
2. Keep gun moving from one side to the other while spraying. If you stop moving the gun while you are spraying, too much paint will build up and begin to run. Begin the horizontal movement of the gun before you begin spraying. Also, keep the gun at a constant distance 6-12 inches from the surface. (Fig. 4)
Figure 3 – INCORRECT

Figure 4 – CORRECT
ADJUSTMENT
1. Fine-tune the gun to your desired working settings of spray patterns, fluid output and degree of paint atomization using the three controls illustrated in Figure 5.

Figure 5

Maintenance
To clean the gun, pour any leftover paint back into its container. Using thinner, clean out the paint cup and cap. Spray some thinner through the gun to clean the spray head, needle and nozzle. Spray until thinner comes out clean. Clean all paint passages as any paint left in the gun and allowed to dry can clog the spray head. Wipe the exterior of the gun with the cleaning brush included and a soft cloth moistened with thinner. If you remove the needle, remove the nozzle as well to protect the seat. **NEVER DIG WITH A WIRE OR HARD OBJECT AS THIS CAN DAMAGE THE NEEDLE SEAT.** Remove all such paint before it has a chance to dry.
ATD-6900

ATD6901
1.4mm Gun
See drawing for parts

ATD6902
1.8mm Gun
See drawing for parts

ATD6903
1.0mm Gun
See drawing for parts

ATD6926
Regulator

PRT6900-MASK
Disposable Mask

PRT6900-TK
Tool / Cleaning Kit
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<th>ORDERING PART#</th>
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<td>PRT6900-RK</td>
<td>REPAIR KIT, ALL SEALS, WASHERS AND SPRINGS</td>
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ITEM# | ORDERING PART# | PART DESCRIPTION
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1 | PRT6900-01 | AIR ADJUST ASSEMBLY
2 | PRT6900-02 | AIR VALVE ASSEMBLY
3* | PRT6900-18 | 1.8MM TIP KIT (NEEDLE, FLUID NOZZLE, AIR CAP)
4 | PRT6900-04 | FLUID NOZZLE PLUG
5 | PRT6900-05 | FLUID NOZZLE WASHER
6 | PRT6900-06 | NEEDLE PACKING ASSEMBLY
7 | PRT6900-07 | TRIGGER ASSEMBLY
8 | PRT6900-08 | LID FOR CUP
9 | PRT6900-09 | CUP
10 | PRT6900-10 | FILTER (PACK OF TEN)
11 | PRT6900-11 | FLUID ADJUST ASSEMBLY
12 | PRT6900-12 | PATTERN ADJUST ASSEMBLY
13 | PRT6900-13 | GUN BODY
14 | PRT6900-14 | AIR INLET FITTING
15 | ATD6926 | REGULATOR
n/a | PRT6900-RK | REPAIR KIT (ALL SEALS, WASHERS, AND SPRINGS)