ATD-6900
9PCS HVLP SPRAY GUN SET
INSTRUCTION MANUAL

Read this manual carefully and understand it completely. Retain manual for future use. Always follow safety precautions to prevent personal injury and/or damage to equipment. Illustrations and photos are intended for reference only. Actual product may vary. Specifications subject to change without notice.

Important Safety Instructions
1. Always wear eye protection, gloves and respirator to protect against harmful vapors produced when spraying.
2. Never use oxygen or any other combustible or bottled gas as a propellant. Explosion and serious injury or death may result.
3. Many paints and solvents can be highly flammable. Use spray gun only in well ventilated areas. Do not smoke or use near open flame.
4. Always disconnect tool from air source when not in use and during maintenance. For emergency stop and to prevent unintended operation, a valve near the tool is recommended.
5. Inspect the tool before each use to ensure there is no leakage or mis-aligned parts. Be sure trigger moves freely.
6. Never use homogenate hydrocarbon solvent as it can chemically react with the 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 is highly recommended as moisture or foreign matter can damage the internal parts 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 of or cause damage to the tool.

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

TOOL PREPARATION
1. Check tool for worn or damaged parts. Repair or replace as necessary.
2. Check trigger to ensure it moves freely.
3. Connect tool to air supply.
4. Adjust air pressure based on paint viscosity and manufacturer’s recommendation. (Fig. 2)
5. Pour paint into cup.

Figure 2:

![Lock Knob
Pull to unlock
Turn to set desired pressure
Push to lock](image)

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 still spraying, too much paint will build up and begin to run. Begin the horizontal movement of the gun BEFORE you begin spraying. Also, keep gun at a constant distance 6 – 12 inches from surface. (Fig. 4)

Figure 3-INCORRECT

Figure 4—CORRECT
ADJUSTMENT
1. Fine-tune the gun to your desired working settings of spray pattern, fluid output and degree of paint atomization using the 3 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 could 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 AT DRIED PAINT ON THE NEEDLE OR NOZZLE AS THIS CAN DAMAGE THE NEEDLE SEAT. Remove all such paint before it has a chance to dry.
ATD-6900

1.4mm Gun
See drawing for parts
(Gun not available separately)

1.8mm Gun
See drawing for parts
(Gun not available separately)

1.0mm Gun
See drawing for parts
(Gun not available separately)

ATD6926
Regulator

PRT6900-TK
Tool / Cleaning Kit

PRT6900-MASK
Disposable Mask