ATD-6865
GRAVITY FEED
SPRAY GUN

Technical Data:

- Maximum Spray Air Pressure: 5 bar (70 psi)
- Air consumption: 13.5 SCFM at 70 psi
- Sound Rating: < 70 dBA
- Weight: 1.10 lbs (500 grams) for gun only
- Spray gun distance to object: 8”-12”

While you may require different paint viscosities according to the characteristics of the paint, we recommend that you use Ford#4 viscosity cup at 15-23 seconds for best results.

See the complete Leonardo Gravity Feed Lineup:

ATD-6865
1.5mm Nozzle

ATD-6872
2.0mm Nozzle

Visit us at www.atdtools.com
### WARNING - FOLLOW THESE RULES FOR SAFE OPERATION!

- During cleaning and flushing, solvents can be forcefully expelled from fluid and air passages. Solvents can cause eye injury.
- Be sure all others in the area are wearing impact resistant eye and face protection.
- Even small projectiles can injure eyes and cause blindness.
- Air under pressure can cause severe injury. Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs. Never direct air at yourself or anyone else. Whipping hoses can cause serious injury. Always check for damaged or loose hoses and fittings. Never use quick change couplings at tool. They add weight and could fail due to vibration. Instead, add a hose whip and connect coupling between air supply, and hose whip, or between hose whip and leader hose. Do not exceed maximum air pressure of 63 PSI.
- Always use tool a safe distance from other people in work area.
- Maintain tools with care: Keep tools clean and oiled for best and safest performance. Follow instructions for lubrication and changing accessories. Wiping or cleaning rags and other flammable waste materials must be placed in a tightly closed metal container and disposed of later in the proper fashion.
- Do not wear loose or ill-fitting clothing, remove watches and rings.
- Don't over reach. Keep proper footing and balance at all times. Slipping, Tripping and Falling can be a major cause of serious injury or death. Be aware of excess hose left on the walking or working surface.
- Don't force tool. It will do the job better and safer at the rate for which it was designed.
- Don't abuse hoses or connectors. Never carry tool by the hose or yank it to disconnect from power supply. Keep hoses from heat, oil and sharp edges. Check hoses for weak or worn condition before each use, making certain that all connections are secure.

### TROUBLESHOOTING

**SPRAY PATTERN/ CONDITION**

**PROBLEM**

One side of nozzle wing is clogged.

A. Loose air nozzle.
B. Material around outside of air nozzle has dried.

A. Tighten air nozzle.
B. Take off air nozzle and wipe off fluid tip, using rag moistened with thinner.

A. Atomization air pressure is set too high.
B. Trying to spray a thin material in too wide a pattern.

A. Reduce air pressure.
B. Increase material control by turning fluid control screw to lett, while reducing spray width by turning spray width adjustment screw to right.

A. Packing around nozzle valve is dried out.
B. Fluid nozzle loosely installed, or dirt between nozzle and body.
C. Loose or defective swivel nut on siphon cup.

A. Back up knurled nut, put a few drops of machine oil on packing, re-tighten nut.
B. Take off fluid nozzle, clean rear of nozzle and seat in gun body. Replace nozzle and bring in tight to body.
C. Tighten or change out swivel nut.

**UNABLE TO GET ROUND SPRAY**

Fan adjustment screw not seating properly.

Clean or replace.

**WILL NOT SPRAY**

A. No air pressure at gun.
B. Fluid pressure too low with internal mix cap and pressure tank.
C. Fluid control screw not open enough.
D. Fluid too heavy for suction feed.

A. Check air supply and air lines.
B. Increase fluid pressure at tank.
C. Open fluid control screw.
D. Thin material or change to pressure feed.

**FLUID LEAKAGE FROM PACKING NUT**

A. Packing nut loose.
B. Packing worn or dry.

A. Tighten, but not so tight as to grip needle.
B. Replace packing or lubricate.

**Drippings from fluid tip**

A. Dry packing.
B. Sluggish needle.
C. Tight packing nut.
D. Worn fluid nozzle or needle.

A. Lubricate.
B. Lubricate.
C. Adjust.
D. For pressure feed, replace with new fluid nozzle and needle.

**THIN, SANDY COARSE FINISH**

A. Gun held too far from surface.
B. Atomization pressure set too high.

A. Move gun closer to surface.
B. Adjust atomization pressure.

**THICK, CIMPLED FINISH RESEMBLING ORANGE PEEL**

Gun held too close to surface.

Move gun further from surface.