

# Technical Data Sheet

Transtar's LVP professional spray guns are designed to produce high quality finishes in all applications...high production, spot and panel refinishing and vehicle restoration. For professional top quality finishes.

## Clearcoat & Color LVP Guns (7713S/7714S)

- These are ideal for applying solvent and waterborne basecoats, clearcoats, single stage topcoats, varnishes & other low viscosity coatings.

## Primer LVP Gun (7718S)

- This is ideal for solvent and waterborne primers, finishing fillers, polyester primers, self-etch primers and other fill and build coatings.

## Touch-Up LVP Guns (7710S/7712S)

- Designed for solvent and waterborne products for touch-up, jambing, small spot repairs, detail refinish and UV repairs.

## PRODUCT SPECIFICATIONS

	7710S	7712S	7713S	7714S	7718S
Gun Weight	13 oz (372 g)	13 oz (372 g)	16 oz (454 g)	16 oz (454 g)	16 oz (454 g)
Air intake	1/4" NSP	1/4" NSP	1/4" NSP	1/4" NSP	1/4" NSP
Max pressure @aircap	10 PSI	10 PSI	9.6 PSI	9.6 PSI	9.6 PSI
Max pressure @ gun	23 PSI	23 PSI	22 PSI	22 PSI	22 PSI
Air consumption	3.7 cfm	3.7 cfm	4.2 cfm	4.2 cfm	4.2 cfm
Cup type	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Gun set-up (needle/nozzle)	1.0 mm	1.2 mm	1.3 mm	1.4 mm	1.7 mm
Spray width	8-10"	8-10"	12"	12"	12"
Cup capacity	250 CC	250 CC	600 CC	600 CC	600 CC
Transfer efficiency	>67%	>67%	>65%	>65%	>65%

## SET UP & ADJUSTMENT

### 1. Starting

- Use the spanner wrench to tighten the fluid nozzle.
- Tighten the air cap and paint cup.
- Before connecting to gun, check air lines and fittings to ensure that they are clean and damage free.
- Soak gun thoroughly with cleaning solvent. Clean using approved cleaning materials according to local & federal regulations.

### 2. Fan adjustment

Use the fan adjustment control on the left side of the gun to obtain the desired pattern.

### 3. Air adjustment

Adjust the air pressure using the air adjustment knob at the bottom of the gun or the #6621 Air Regulator.

### 4. Fluid adjustment

Use the fluid control knob to obtain the desired fluid flow volume.

## MAINTENANCE

To assure proper fit and performance, always change air cap, fluid nozzle and needle as a matched set.

To change the needle packing, remove the fluid needle, fluid nozzle and the packing nut. A narrow, flat head screwdriver is required to remove the packing nut.

Cleaning and gun care:

- Immediately soak with solvent to remove all coatings after using.
- Clean the air cap with the brush provided.
- Lightly lube all moving parts with a non-petroleum based lubricant.

Note: Never use improper cleaning instruments as they may damage the part and adversely affect gun performance. Never immerse the gun in solvent.

## LIMITATIONS & PRECAUTIONS

- For use only by professional, trained painters. Not for sale to or use by the general public. Before use, read and follow all TDS information.

Visit [www.tat-co.com](http://www.tat-co.com) to assure you are using most updated TDS, to view in other languages and for links to Standard Operating Procedures (SOPs).

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## TROUBLESHOOTING

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**Problem:** Gun is leaking from fluid nozzle.

**Causes:** Fluid nozzle is loose, foreign particle or dried paint is keeping needle from seating.

**Remedy:** Tighten nozzle or remove and clean nozzle.

**Problem:** Gun is leaking from needle sealing area.

**Causes:** Teflon® packing is damaged or missing.

**Remedy:** Replace Teflon® packing.

**Problem:** Gun sprays sickle-shaped to the left or right ) (.

**Causes:** Air holes are clogged on air cap or air cap is damaged.

**Remedy:** Clean air holes or replace air cap.

**Problem:** Tear drop or oval-shaped spray pattern ◆.

**Causes:** Air cap is clogged at fluid needle orifice.

**Remedy:** Remove and clean air cap and fluid nozzle.

**Problem:** Paint sputters from gun.

**Causes:** Insufficient material in cup, material not filtered, fluid nozzle loose, needle Teflon® packing damaged, needle & nozzle are dirty.

**Remedy:** Refill cup, filter material, tighten loose parts, replace Teflon® packing, clean needle & nozzle.

**Problem:** Incorrect atomization.

**Causes:** Inlet air pressure is too low or material is too thick; pressure is too high or material is too thin.

**Remedy:** Adjust air pressure and/or product viscosity.

*Teflon® is a registered trademark of DuPont.*

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## ACCESSORIES AVAILABLE FOR HVLP SPRAY GUNS

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### Rebuild Kit

7700S Stainless Steel Rebuild Kit for 7713S, 7714S, 7718S, 1/case

### Needle Nozzle Kit

7703S LVLP Needle Nozzle Kit Stainless Steel 1.3 mm, 1/case

7704S LVLP Needle Nozzle Kit Stainless Steel 1.4 mm, 1/case

7708S LVLP Needle Nozzle Kit Stainless Steel 1.8 mm, 1/case

### HVLP and LVLP Air Regulator

6621 Air Regulator 1/4", 1/case

### Medium Mesh Filters

6635 Medium Mesh Filters for ALL Transtar HVLP spray guns, 6/package, 1 package/case

### Spray Gun Cups

Select the size (600 cc or 1000 cc) you prefer. All spray gun cups & lids will fit on the 7713S, 7714S and 7718S LVLP spray guns.

7730 1000 cc Aluminum Spray Cup with Lid, 1/case

7731 600 cc Aluminum Spray Cup with Lid, 1/case

### 17 Piece Spray Gun Brush Cleaning Kit

17 piece brush kit for the cleaning of Transtar's spray guns.

6636 Spray Brush Gun Cleaning Kit, 1/case