



LVLP Spray Guns

7710S, 7712S, 7713S, 7714S, 7718S

Transtar's LVLP 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. Available in 1.0mm, 1.2mm, 1.3mm, 1.4mm and 1.7mm tips.

Products

Clearcoat & Color LVLP Guns (7713S/7714S)

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

Primer LVLP 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 LVLP 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
 - a. Use the spanner wrench to tighten the fluid nozzle.
 - b. Tighten the air cap and paint cup.
 - c. Before connecting to gun, check air lines and fittings to ensure that they are clean and damage free.
 - d. 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.
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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:

- a. Immediately soak with solvent to remove all coatings after using.
- b. Clean the air cap with the brush provided.
- c. 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.

Troubleshooting

- 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.
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Troubleshooting Cont.

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.

Accessories Available for HVLP Spray Guns

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



Limitations & Precautions

- Visit www.tat-co.com to assure use of the most current instructions and TDS on this product.
- See website (www.tat-co.com) for this document in other languages. (Vea el web site para este documento en español. Voir le site web pour ce document en français.)
- For use only by professional, trained painters. Not for sale to or use by the general public.

LIMITED WARRANTY

The successful performance of this product is dependent on many factors beyond our control. Results are dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Transtar Autobody Technologies, Inc. warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within shelf life as stated in this datasheet, Transtar Autobody Technologies, Inc. will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Transtar Autobody Technologies, Inc. and its affiliates MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.