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.

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

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

### 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.

### 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.

### 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 to assure you are using most updated TDS, to view in other languages and for links to Standard Operating Procedures (SOPs).
7710S, 7712S, 7713S, 7714S, 7718S
LVLP Spray Guns

Technical Data Sheet

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.

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
77005 Stainless Steel Rebuild Kit for 7713S, 7714S, 7718S, 1/case

Needle Nozzle Kit
77035 LVLP Needle Nozzle Kit Stainless Steel 1.3 mm, 1/case
77045 LVLP Needle Nozzle Kit Stainless Steel 1.4 mm, 1/case
77085 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