

# PRODUCT DATA

## 7710, 7712, 7713, 7714, 7718 LVLP Spray Guns

### DESCRIPTION:

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 (7713/7714)

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

### Primer LVLP Gun (7718)

- 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 (7710/7712)

- They are ideal for touch-up, jambing, small spot repairs, detail refinish and UV repairs.

### TECHNICAL DATA:

	<b>7710</b>	<b>7712</b>	<b>7713</b>	<b>7714</b>	<b>7718</b>
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	1.8 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%

### GUN FEATURES & BENEFITS:

- Reduced air consumption puts less demand on compressor
- Performs well with large and small compressors
- Provides increased transfer efficiency, which means less material used to get film build
- Fully adjustable jet width, air and paint volume regulators for ease and convenience of user
- Easy to clean and maintain
- Professional results at affordable price
- Light weight and ergonomic design make the guns easy to handle

SEE REVERSE SIDE FOR APPLICATION INSTRUCTIONS

(Refer to Material Safety Data Sheet for proper handling of products listed in this bulletin.)

### PRODUCT AVAILABILITY:

- 7710 LVLP Spray Gun 1.0 (purple), 1/case
- 7712 LVLP Spray Gun 1.2 (silver), 1/case
- 7713 LVLP Spray Gun 1.3 (gold), 1/case
- 7714 LVLP Spray Gun 1.4 (blue), 1/case
- 7718 LVLP Spray Gun 1.8 (green), 1/case



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## **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 screw-driver 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.

**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 LVLP SPRAY GUNS:**

### **Rebuild Kit**

7700 Rebuild Kit for 7713/7714/7718, 1/case

### **Needle Nozzle Kit**

7703 LVLP Needle Nozzle Kit 1.3 mm, 1/case

7704 LVLP Needle Nozzle Kit 1.4 mm, 1/case

7708 LVLP Needle Nozzle Kit 1.8 mm, 1/case

### **Air Cap Test Gauge**

7715 HVLP Air Cap Test Gauge, 1/case

### **HVLP and LVLP Air Regulator**

6621 Air Regulator 1/4", 1/case

### **Spray Gun Cups**

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