

## Penetrant Applicators

### Spray Gun and Portable Pressure Sprayer

LPI System Hand Sprayers are designed to help simplify and expedite your penetrant inspection process. They provide even, controlled application of penetrants, developers, cleaners and water rinse used in the liquid penetrant inspection process. Manufactured from high-quality materials and components, they will deliver years of trouble free performance under all usage situations.



520090



625773

#### WATER SPRAY GUN

Water Spray Gun is designed for pre and post rinsing of water-wash or post-emulsifiable penetrant system parts. It provides optimal coarse spray in a 45 degree fan pattern to help prevent part over-washing.

#### PART NUMBER

520090

#### PORTABLE PRESSURE SPRAYER

The Portable Pressure Sprayer is a lightweight pressure sprayer for spot application of emulsifiers and dry developers.

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#### PORTABLE PRESSURE SPRAYER INSTRUCTIONS

1. Always depressurize sprayer before removing any parts. The pressure may be let out of the sprayer one of the two following ways:
  - a. Tip the sprayer upside down and depress the trigger until no pressure is left. If some liquid is left in the sprayer when you attempt this procedure, make sure you aim the nozzle at a place where a little bit of liquid can be expelled.
  - b. Remove the black cap from air filler and use small probe to depress the valve core until all the pressure escapes. NOTE: Make sure the sprayer is upright and the air filler stem is pointing away from you when depressing the valve core.
  - c. Remove the complete top assembly from the canister once all the air has been let out. Do this by grasping the body in one hand and the canister in the other while unscrewing counterclockwise completely.

2. Fill sprayer 2/3 full (24 ounce maximum liquid capacity) with fresh, unused materials. Make sure the material you are putting into the sprayer is clean and free of foreign particles. Note: Always check with your chemical supplier if you are not sure of compatibility. Read Caution label on sprayer before filling. Never use acids in the sprayer.
3. Take the complete top assembly and screw it clockwise into top of the canister. Firmly hand-tighten only.
4. Charge sprayer with compressed air by holding standard air chuck on the air filler until you hear the line pressure equalize with the sprayer. Working pressure is 80-150 psi. At least 80 psi is needed to spray the full 24 oz. without a recharge of air. The maximum pressure should not exceed 200 PSI.



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