

Improved Paint Gun

Cleaning Technology

Air Operated Paint Gun Washer Extends Service Life of Solvent

Another tool to ensure the safe and effective cleaning of paint guns is now available. The new and improved tool is a paint gun washer, developed specifically for the Pollution Prevention (P2) Afloat Program, and is now being

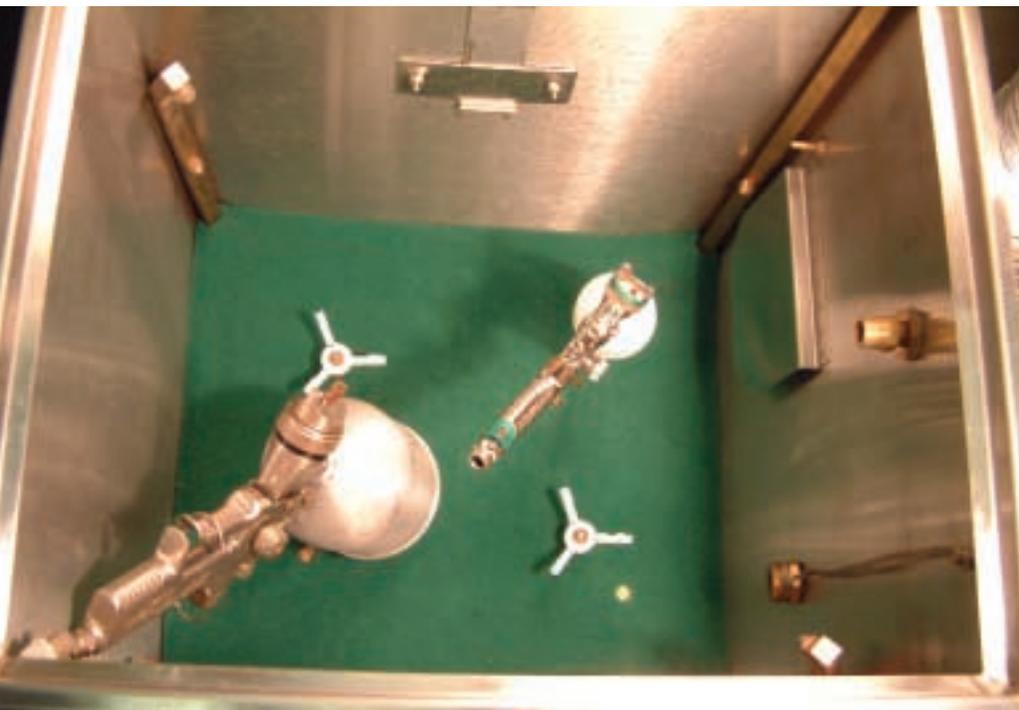
supplied to naval activities world wide via the Pollution Prevention Equipment Program (PPEP).

The new unit is air-operated with a top-loading sink that automatically cleans one and two-part component paints from siphon feed; pressure feed; and gravity feed paint spray guns;

both high pressure and high volume low pressure (HVLP) types. The paint gun washer will also clean paint gun hoses, cups up to 2-quart size, gun extensions, specialty spray heads, and pressure pots up to 2.5 gallons.

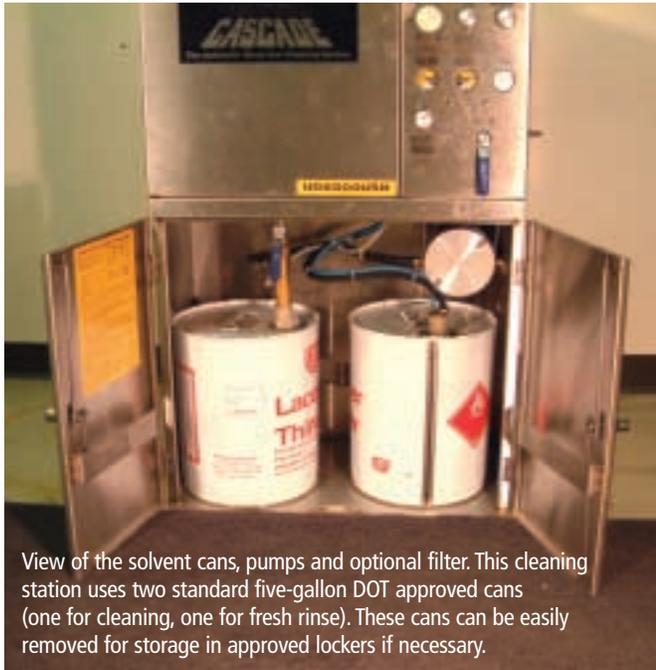
This paint gun washer is entirely pneumatic, requires no electricity, and stores solvent inside Department of Transportation (DOT) approved containers in lieu of an open reservoir. Virgin solvent is used for a final rinse to ensure that no paint residue remains in the can that can cause buildup of paint in the gun. A blast of air is used to blow any solvent residue out of the gun before handling. This new paint gun washer requires less operational contact with the solvent, and the solvent can be easily transferred and stored in a flammable storage locker, thereby extending the life of the solvent.

By including a filtration system, the reuse of solvent extends the service life of the solvent and therefore reduces the cost of paint gun cleaning. The design is such that the main cleaning chamber accepts and returns solvent to the first of two containers to ensure



Gun cleaning sink. The cleaning sink contains ports for two guns, two paint pots (up to 2.5 gallons) and hoses (up to 25 feet).

Paint gun being loaded for cleaning into the Navy's paint gun cleaning station, approved for use on Navy ships.



View of the solvent cans, pumps and optional filter. This cleaning station uses two standard five-gallon DOT approved cans (one for cleaning, one for fresh rinse). These cans can be easily removed for storage in approved lockers if necessary.

solvent reuse, and has a separate line to accept virgin solvent from the second container. The fluid used from the second container for the final rinse does not return to the second container but instead drains into the first container. When not in operation, all of the solvent automatically drains from the chamber area, pump, and manifold into the first container.

The equipment is designed to ensure simple operation and the safety of operating personnel. The design of the equipment will permit easy accessibility of all components for normal maintenance and servicing. All controls are located on the front right panel and are clearly labeled for safe operation. The materials and parts are corrosion resistant, stainless steel, so that maintenance is held to a minimum. The washer meets all National Fire Protection and Occupational Safety and Health Act standards and has been tested in harsh shipboard environments. This unit is full provisioned in the Navy stock system and is shipped with a Navy Operations and Maintenance Manual.

This new paint gun washer, MODEL UG6500USN, has been assigned National Stock Number (NSN) 4940-21-921-1555 in the Federal Supply System. It is currently supplied by UNI-RAM Corporation of Markham, Ontario Canada. ⚓

The New PAINT GUN WASHER

Main Features

- Cleans two paint guns, two pots or most 2.5 U.S. gallon pots.
- Unique air operated cleaning timer, up to five minutes.
- Automatic wash, air flush and clean rinse (100cc) cycle.
- Heavy gauge stainless steel tank and cabinet.
- Built in sub-floor.
- Solvent gauges show when rinse pail is half empty and wash is almost full.
- Large, deep tank: 17.3 inches wide by 15.5 inches deep by 18.5 inches high.
- Long adapter tube for one-litre cups.
- One low- and one high-level indicator.
- Choice standard unit (without filtration) or with additional filtration (replaceable cartridge).
- Approved for shipboard use by the U.S. Navy.

Benefits

- **Environmental, Safety and Health**
Reduces the amount of solvent and rags used to clean paint guns.

■ Economic	
Payback (in years)	0.99
Initial Cost	\$4,600.00
Annual Savings	\$1,374.95
Investment Return (ten year period)	\$41,854.40

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