



PRETREATMENT & CHEMICAL APPLICATION SYSTEMS



THE RESULTS YOU NEED TIME IN AND TIME OUT.

PEM is a world leader in metal cleaning, pretreatment and chemical application equipment. Our cutting-edge technology reduces cleaning and pretreatment costs giving you better paint adhesion and corrosion protection.

We have a long history of working with OEMs and job shops bringing the most advanced pretreatment equipment to the market for superior results with consistent repeatability. PEM equipment is designed for high volume production in harsh environments and is proven to be dependable year after year.

In a manufacturing environment, you need to react fast to change. PEM prides itself in providing you engineered products which are innovative, efficient and flexible. It is products—and a partnership—you can count on time in and time out.



SPRAYWAND P-300 PRETREATMENT APPLICATION SYSTEM

SprayWand is designed for any OEM and job shop that has an ongoing need for metal cleaning and metal pretreatment. It produces the same superior results of high-end, multi-stage pretreatment systems at a fraction of the cost. You will lower your production expenses and improve product quality through better paint adhesion and corrosion protection. The P-300 is the best performing system in the industry that can deliver your pretreatment chemicals as required injected downstream. It can also apply chemicals at either heated or ambient temperatures and high pressure for maximum cleaning.

The freedom of movement offered by the SprayWand enables an operator to easily and efficiently prepare large and complex parts and assemblies for final metal finishing.

Quick startup and direct application of chemicals, with minimal waste, makes the system a cost-effective way to professionally pretreat medium and small quantities of parts.

FEATURES:

- Stainless steel, fixed orifice injectors deliver precise chemical metering for maximum performance within 0.20 percent
- Multiple injectors can be designed to simulate a seven stage washer
- Dual ports for either heated or ambient pretreatment and rinse applications
- Pump and clutch design minimizes wear and tear, provides reliable performance and long product life
- Cleans and pretreats at 1500 PSI
- Downstream injection provides better, faster cleaning
- Pump components are not exposed to chemicals
- Adjustable wash temperature
- High-efficiency two-stage coil maximizes heat transfer
- Burner is naturally aspirated for efficient combustion
- Heavy-duty Baldor-NEMA motors and Cat Pump and Clutch System
- Versatile design offers easy setup and operation for wide variety of metal pretreatment needs

See PEMequip.com for a complete list of our pretreatment application products.

SPRAYWAND P-300



SPRAYWAND P-500 PRETREATMENT APPLICATION SYSTEM

The P-500 is manufactured with the same quality components and features of the P-300. It offers you the same lower production expenses and improved product quality. It's just smaller. The P-500 delivers your pretreatment chemicals as required injected downstream with heated temperatures at high pressure for maximum cleaning. PEM also offers solutions to elevate your system and store your hoses to prevent damage to your equipment.



SPRAYWAND P-500

SPRAYLEAN™ INLINE WASHER & PRETREATMENT SYSTEM

Perfect for today's aggressive and robust chemicals, SprayLean™ offers a small footprint and a modular, interchangeable pod design that's easily expandable for any application. Its full access side panels and quick disconnect nozzles provide for easy installation and very low maintenance.

FEATURES:

- Modular design with small footprint
- Easy installation
- Low maintenance
- Flexible 4' and 6' modules
- Variety of standard product windows
- Poly design for chemical compatibility
- Heated stages up to 130°F
- Quick disconnect nozzles
- Various filtration options available
- Energy efficient operation
- Removable shrouds for easy tank access



FINFLOW COMPLETE START-TO-FINISH SYSTEM

PEM, the leader in providing the most technical and innovative pretreatment equipment to OEMs and job shops worldwide, proudly introduces FinFlow. This turnkey system allows you to easily set up shop, add capacity or expand your services by delivering PEM's sophisticated product expertise and equipment to your floor in a complete package for cleaning, coating and cooking.

This system includes three main components in a variety of sizes:

- Wash bay with PEM Pretreatment System
- Spray booth with application equipment
- Batch style cure and dry off oven with exclusive RollSeal door

Each **FINFLOW** System is quality built, tested and readily available for quick installation and fast startup.

FEATURES:

- **CLEAN** - Outfitted with PEM's renowned SprayWand Pretreatment Application System and flexible wash enclosure. It lowers production expenses and improves product quality by providing better paint adhesion and corrosion protection. Chemicals can be applied at either heated or ambient temperature with high pressure for maximum cleaning.
- **COAT** - Liquid and powder coating spray booths in various sizes, with application equipment, LED lighting and powder coated panels.
- **COOK** - Quality high temp cure and dry off ovens with unique and innovative, remote controlled roll-up door for faster processing and energy conservation.





OPTIONS & ACCESSORIES

PEM offers a variety of SprayWand options to help operators easily and efficiently prepare large and complex parts and assemblies for final metal finishing.

SPRAYWAND STAND

Used to help utilize floor space better. Can conveniently store two 55 gallon drums of chemical under the SprayWand.

HOSE REELS

The best way to control hose management. Neatly stores hoses out of the way and helps prolong the life of your pressure hoses.

GUN & WAND HOLSTERS

Helps keep your guns and wands off the floor. Can be easily mounted to a wall and made of stainless steel to stand up to wash bay environments.

DRUM TOP PUMPS

Air driven diaphragm pumps use to apply straight chemical or premix chemical at low pressure and volume.

DOSATRON METERING PUMPS

Water-powered chemical pumps that meter in the chemical. Can be hooked up with city water pressure to apply your pretreatment chemical at low pressure without having to premix.

See [PEMequip.com](https://www.pemequip.com) for more information on options and accessories.



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