



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 with engineered products that 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 as 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.

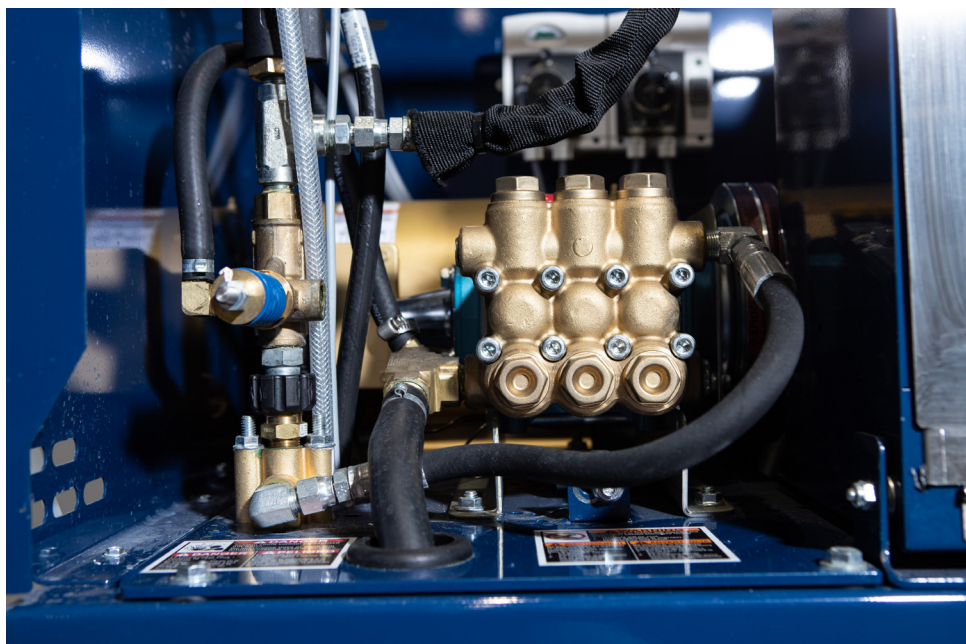


See PEMequip.com for a complete list of
our pretreatment application products.



SPRAYWAND P-300 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 a wide variety of metal pretreatment needs



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





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.



RO WATER SYSTEMS

Efficiently produce high-quality reverse osmosis water to increase the quality of your pretreatment process.



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 HOLDERS

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 used to apply straight chemical or premix chemical at low pressure.



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** for more information on options and accessories.

FINFLOW BATCH EQUIPMENT

FinFlow Batch Equipment, designed by industry leader PEM Inc., is innovative, quality finishing equipment for OEMs, job shops and fabricators to meet their needs for batch powder and liquid coating. FinFlow Batch Equipment can add capacity, allow you to bring finishing in-house or expand your service line with our pretreatment systems, wash bays, powder booths, liquid booths and ovens.

FinFlow Batch Equipment offers various products for your complete process needs.

- Wash Bay Enclosures
- SprayWand Pretreatment Systems
- Powder and Liquid Coating Booths
- Powder Application Equipment
- Cure and Dry Off Batch Ovens

FEATURES:

- **CLEAN** - The FinFlow Wash Bay enclosures—packaged with the industry-leading P-300 SprayWand Pretreatment System for high-quality cleaning and efficiency—are designed in a variety of openings and lengths with quality LED lighting and exhaust. Designed as single-entry or pass-through with open-faced or filtered door options, the FinFlow Wash Bay provides the best cleaning, adhesion and corrosion protection available in manual pretreatment.
- **COAT** - The FinFlow Liquid and Powder Coating Booths offer the same flexible design for various product and throughput needs. The enclosures provide adequate airflow and quality filtration systems. They are designed as single-entry or pass-through booths with open-faced or filtered door options.
- **CURE** - The FinFlow Batch Oven offers quality liquid and powder coating cure and dry off oven designs with a quick, efficient Roll Seal door. The oven is built with six-inch insulated panels and quality burner components, providing an efficient cure and dry off process. Ovens are designed as single-entry or pass-through in various opening sizes and length requirements.





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