



PARTS WASHERS

MODEL 550 SERIES



**SOLVENT
FREE
CLEANING**

GLOVE BOX WASHER

Your first impression might be that this is a sandblaster, but it is a high pressure glove box style, parts washer. Because it is a manual type operation, it is one of the most versatile washers available.

The operator simply puts the parts in the washer through the side door and washes the parts by manipulating the part and the wand with his hand through the gloves. The washer is activated with a foot switch. High pressure spray can be put into ports, cavities or directly at the part for high pressure cleaning. With the ability to put the nozzle directly at the part, the full 3 GPM at 500 PSI force can be pin pointed to a small area on the part.

Biodegradable detergents and hot water are the cleaning solution used, which provides a safe and environmentally friendly solution. ADF detergents include rust inhibitor for steel parts and are safe on other materials, such as brass, aluminum, stainless steel, copper, rubber, plastic or glass.

The wash solution passes through a 100 micron felt filter before returning to the reservoir and also passes through a high pressure filter between the pump and the nozzle. Therefore, dirt, chips and other contaminants are removed from the solution during every cycle. The washer has an extensive accessory list such as rinsing, oil skimming and others.

This washer is being used in a variety of applications, including tool rooms, maintenance operations, low production and precision cleaning situations.

DISTRIBUTED BY:

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MODEL 550 GLOVE BOX PARTS WASHER TECHNICAL DATA

| PART NUMBER | DESCRIPTION | MACHINE AMPERAGE | GPM - PSI |
|-------------|---|------------------|---------------|
| 5514-030 | Model 550 Glove Box Washer, 1-1/2 HP, 115V/60HZ/1PH | 30 | 3GMP, 500 PSI |
| 5524-030 | Model 550 Glove Box Washer, 1-1/2 HP, 230V/60HZ/1PH | 20 | 3GMP, 500 PSI |
| 5534-030 | Model 550 Glove Box Washer, 1-1/2 HP, 230V/60HZ/3PH | 10 | 3GMP, 500 PSI |
| 5544-030 | Model 550 Glove Box Washer, 1-1/2 HP, 460V/60HZ/3PH | 5 | 3GMP, 500 PSI |

NOTE: 1. For machines with rinse to drain feature, add suffix "R" to part number.
 2. Low water level switch for heater protection, standard.
 3. Fused disconnect, optional.

| | | | |
|---------------------------------|--|-----------------------|---|
| PUMP | 3 cylinder axial diaphragm type with brass head | CONTROLS | All 115 volt fused Foot switch for instant on/off |
| HEATER | Electric stainless steel plug, incaloy elements - 1500 watt | MAXIMUM TEMPERATURE | 160 degree F |
| TEMPERATURE CONTROL | Thermostat control in immersion heater box | ELECTRICAL CONNECTION | Convenient terminal block in electrical box |
| FILTER | Primary: Filter tray - with felt filter Secondary: High pressure cartridge type | OBSERVATION WINDOW | Cleared by using customer supplied air |
| | | ENCLOSURE | NEMA 12 |
| CONSTRUCTION: | | BLOW OFF | Compressed air blow off using customer supplied air |
| SPRAY CHAMBER & RESERVOIR TANK | 304 stainless steel | RESERVOIR TANK | 12 gallon |
| WELD IN FITTINGS | Carbon steel | QUANTITY OF NOZZLES | (1) #9 - 15 degree |
| PLUMBING - WASH WATER STRUCTURE | Brass, malleable or plated fittings - stainless steel nozzles Carbon steel | DOOR | Manual door mounted on left side Double doors optional |
| LIGHTING | (2) 17 watt fluorescent bulbs | GLOVES | Flexible neoprene glove with accordion sleeve |
| SPRAY GUN | Convenient insulated handle grip | WEIGHT | NET 640# SHIPPING 700# |
| MACHINE DIMENSIONS** (LxWxH) | Spray Chamber 36" x 24" x 24" Outside 50" x 32" x 68" Side Door 18" x 16" | | |

| ACCESSORIES | Part No. | Description |
|-------------|----------|------------------------------|
| | 179015 | Double Door Option |
| | 272115 | Filter Drawer |
| | 401000 | Sound Deadening |
| | 216050 | Pressure Differential Gauge |
| | 412102 | Timer, 7 Day |
| | 406301 | Electronic Auto Fill |
| | 265000 | Chemical System Injector |
| | 334100 | Oil Skimmer |
| | 334101 | Oil Skimmer with 7 Day Timer |

Inquire for options not listed

NOTE: Consult your distributor or the factory for available options and accessories.

** All dimensions are for base machine. Manufacturer reserves the right to make engineering changes, which may change dimensions. Additions of accessories and/or customer requested changes might also change dimensions. Consult your distributor or the factory for a footprint.

Prices and specifications subject to change without notice - all prices \$USD and F.O.B. Humboldt, Iowa, U.S.A. This equipment will be constructed in accordance with the above specifications, and in accordance with ADF equipment standards at the time of manufacture. No other conditions, specifications, or components will be included unless expressly agreed to in writing by ADF Systems, Ltd. There are no implied warranties or conditions. No verbal agreements will be accepted as part of any purchase order for equipment. Further documentation or services will be at additional cost to the buyer.