



Environmental Protection and Industrial Application Product Catalogue

Uni-ram Corporation



COMBO656

About Us

Established in 1980, Uni-ram has emerged as a prominent manufacturer of eco-friendly equipment. Specializing in environmentally friendly equipment that includes spray gun cleaners and part washers that use and reuse solvent to clean spray guns and parts. The company is dedicated to reducing hazardous waste in workshops worldwide. Uni-ram's commitment to quality is evident in its products, which are engineered to meet the demands of the most professional workshops.

Uni-ram's solvent recyclers in North America are ETL certified to safety standards UL2208 in the USA and CSA 22.2 No. 30 and 88 in Canada. Internationally, their Solvent Recyclers are certified by SGS Fimko Oy to IECEX and ATEX standards.

Over 20,000 solvent recyclers and 60,000 spray gun cleaners have been shipped to end users in over 37 countries since we started in business in 1980. Relationships with many international distributors exceed 25 years. Dealerships for all car manufacturers, and the US government, under stocking number NSN 4940-21-921-1555, use Uni-ram Spray Gun Cleaners.

In a proactive stance, Uni-ram actively engages in both local and international trade shows which include events such as SEMA in the United States, Automechanika in Germany, Auto Aftermarket Expo in Australia, and Clean Tech in Japan.





Spray Gun Cleaner – Waterborne & Solvent

UG5000W

Top loading. Cleans 2 spray guns in under 1 minute.

Dual Tank System:

- Dedicated solvent tank for primers and clear coat paints.
- Water tank for waterborne base coat paints.
- Efficiently meets all spray gun cleaning needs in one cabinet.

Efficiency and Space-Saving:

One workstation for both solvent and waterborne cleaning, more efficient than two separate stations.

Construction:

Stainless steel wash tank for durability and powder-coated paint on mild steel lower unit.



Solvent Tank (Left Side)

Automatic Cleaning Cycle:

4" diaphragm pump facilitates automatic wash, air rinse, and clean rinse.

Quick Operation:

Top-loading design cleans two spray guns in under 1 minute.

Water Tank (Right Side)

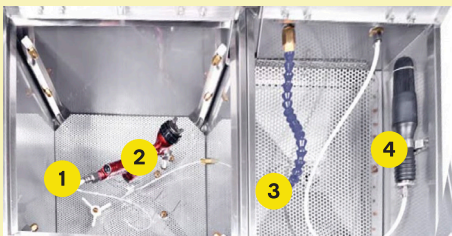
Manual Cleaning Process:

Water gun for high-pressure clean water flushing in under 10 seconds.

UG400S / UG400W

Automatic Tank

- 2 minute timer to remove heavy coatings and dried paint.
- Accommodates all makes of disposable cup adapters.
- Conical plug with airflow keep air passage free from liquid.



1 Plug 2 Spray gun 3 Spigot 4 Brush



Manual Tank

- Includes brushes and other cleaning tools to clean components of spray guns (KIT-GCTOOLS).
- Flow-through brush, activated by a foot pedal.
- Spigot, activated by a foot pedal.

Models

- UG400S:
For cleaning solventborne spray guns.
- UG400W:
For cleaning waterborne spray gun.

The
Painter's
Choice

Spray Gun Cleaner

– Solvent

UG110

Specifically designed for solvent-borne paint, making it ideal for small collision repair shops and woodworking facilities.

Allows technicians to clean their spray guns in just one minute.

Durable Construction:

- Features a stainless steel wash tank, ensuring longevity.
- Powder coated mild steel lower cabinet protects the solvent pail from accidental spillage.

Efficient Cleaning Mechanism:

- Equipped with a stainless steel 9-spray-jet manifold in the wash tank for thorough cleaning.
- Includes mounting adapters to distribute solvent to the paint gun effectively.



Spray Gun Cleaner

– Waterborne

UM120W

Versatile Cleaning:

Specifically designed for waterborne base coat spray guns, complementing solvent-borne gun cleaners for primers and clear coats.

Efficient Cleaning Tools:

- Wash gun delivers high-pressure clean water, flushing the paint channel in under 10 seconds.
- Flow-through brush removes overspray from the exterior of the gun.
- Both tools activated by a foot pedal and powered by a 2" diaphragm pump with flow control.

Thorough Drying Process:

- Air gun included for drying the spray gun.
- Spray out function verifies a clean paint channel



Model	Gun Cleaned	Air Flush	Manual Rinse	Diaphragm Pumps	Shipping Dimension(WDH)	Weight	Operation
UM120W	1 Gun	Yes	Spigot	1	22" x 17" x 45"	70 lb (32 kg)	Manual
UG110	1 Gun and pot	No	No	1	17" x 16" x 44"	44 lb (20kg)	Automatic
UG400W	2 Guns 2 Pots	Yes	Spigot	2	25.8" x 13.6" x 42"	70 lb (31.8 kg)	Automatic
UG5000W	1 Water 2 Solvents Guns	Yes	Spigot	3	47" x 17" x 46"	77 kg (170 lb)	Automatic



Spray Gun Cleaner — Solvent

UG2000D

Stainless steel cleaning tank

Powerful Washing:

Activated by a wash timer and propelled by a long-lasting dual-diaphragm pump, delivering 3.7 gallons of solvent per minute.

Effective Cleaning Action:

14 swirl action jets deliver cleaning solvent to wash overspray from the spray guns, while cleaning interior paint passages maintaining pristine conditions.

Flow-through Brush is only on DM model. Powered by a 2” dual diaphragm pump.



Additional Features:

Flow-through Brush:

Equipped with a brush for additional manual washing, ideal for removing hardened paint. Constructed from solvent-resistant polypropylene for durability.

Convenient Operation:

Flow of solvent through the brush is activated by a foot pedal, with adjustable flow powered by a 2” dual diaphragm pump.

Certified Quality:

CE Approved for compliance with safety and quality standards.

UG4000D & UG7500

- Clean spray guns automatically in under 60 seconds.
- Enhanced cleaning cycle consists of Wash, Clean Rinse (100cc) and Air Flush.
- Clean 2 Spray Guns and 2 Pots /cups
- 14 Swirl Action Jets
- Build-in Vent for automatic fume extraction with Vent Control.
- Non-corrosive HDPE Pail
- Stainless steel inlet filter on suction tube in wash pail to prevent debris from reaching the diaphragm pump and the cleaning tank. Inlet filter is removable for cleaning.



Model	Gun Cleaned	Solvent Rinse	Air Flush	Auto Flush	Manual Rinse	Diaphragm Pumps	Shipping Dimension(WDH)	Weight	Manual Wash
UG2000D	2 Guns 2 Pots	Yes	Yes	Yes	-	2	20" x 17" x 45"	70 lb (32kg)	-
UG4000D	2 Guns 2 Pots	Yes	Yes	Yes	-	2	28" x 17" x 45"	90 lb (41 kg)	Brush*
UG7500	2 Guns 2 Pots	Yes	Yes	Yes	Spigot	3	38" x 26" x 68"	84 lb (185 kg)	Brush*



Solvent Recycler

URS500 & URS600 series

Model suffix: EP2,EP2SS

Rapid-Start Heating:

All Uni-Ram Solvent Recyclers feature rapid-start direct electric heating of solvent, eliminating the need for diathermic oil changes and ensuring quick startup times.

High-Efficiency Condensers:

Equipped with high-efficiency condensers that are air-cooled with a motor-driven fan, maximizing condensation efficiency and energy savings.

Self Diagnostic error messages are displayed on the Display Panel



URS500

For EP2:

This model is the same as URS500 except dirty solvent is pumped directly into the distillation tank and clean recycled solvent is pumped from the receiving pail to an external clean container. Pumps are activated by turning a timer.

Two dual diaphragm pumps, two 5-minute timers, a receiving pail, hoses and fittings.

Key feature:

No pails to lift, No solvent to pour

Specialized Models:

The EP2 models (URS500EP2, URS900EP2) are specifically designed to be linked directly to a "Uni-ram" E series Automatic Spray Gun Cleaner (UG4000E, UG7500E) or to an external container.

This direct connection enables a self-contained Recycling System, allowing for a timer-controlled transfer in and out between the solvent Recycler and the Gun Cleaner.



URS500EP2

UG5000EW



URS900 & URS2000SS

The URS900 & URS2000SS, solvent recycler effectively reclaims used solvent for reuse and segregates solid waste like paint for disposal. With a Uni-ram solvent recycler the operation becomes “Greener”. The facility can improve its Waste Generator Status with Environmental Agencies as used solvent transported off site is reduced by approximately 90%.

Typical Application (URS900 / URS2000SS):

- Reclaim lacquer thinners, acetone and gun wash solvents used to remove paint and debris from spray guns and other spray equipment.
- Reclaim acetone used to clean equipment used in making fiberglass products.

URS900:

- Easy settings for dryer waste residue
- Automatic or timed heater shut-off
- Maximum temperature set points in °C or °F
- Regulation of the rate of recycling using heating power percentage

URS2000SS:

- Industrial Paint Shops
- Fibreglass & Metal Fabricators
- Solid-state microprocessor for managing workflow and continuous monitoring
- Adjustable in one-degree increments
- Monitors operations with plain-English fault descriptions
- Pumps dirty solvent into the distillation tank and clean solvent into a clean drum



Model	Capacity	Voltage (V)	Dimensions (WDH")	Weight (LB/KG)	Time to Recycle	Auto Solvent Transfer
URS500	5 gal, 20L	110-120V	19 x 19 x 45	130/59	In 4-6 hours typically	No
URS500EP2				140/64		Yes
URS600	5 gal, 20L	220-240V	20 x 20 x 45	130/59	In 4-6 hours typically	No
URS600EP2						Yes
URS900EP2	5 gal, 20L	220-240V	30 x 30 x 45	175/80	In 8-10 hours typically	Yes
URS2000EP2	20 gal, 75L	220-240V	49 x 49 x 54	450/205	In 8-15 hours typically	Yes
URS2000SS	20 gal, 75L	220-240V	49 x 29 x 54	450/205	In 8-15 hours typically	Yes



BB30N

Efficient Distillation: Utilizes vaporization and condensation for effective solvent recycling.

Direct Electric Heating: Utilizes direct electric heating, eliminating the need for oil changes or refrigerant servicing, reducing maintenance requirements.

Sophisticated Control System: Equipped with a solid-state microprocessor that controls workflow and continuously monitors operating parameters. Features built-in safety programs and an LCD display showing real-time temperatures at the tank and condenser.

Self-Diagnostic System: Complete self-diagnostic system with sensors monitoring the operating system. Faults are described using messages in English for easy diagnostics.

Dual Pump Transfer System: Features a dual pump transfer system to pump dirty solvent directly into the distillation tank and pump clean recycled solvent from the recycler to a clean drum, ensuring efficient operation.

Automatic Shut Off: Offers automatic or timed shut-off options, with the operator able to specify the quantity of hours for a timed shut-off, enhancing convenience and safety.



Industrial Paint Shops



Fiberglass Fabricators



Printers



Metal Fabricators



DB100N

Continuous Operation: Capable of recycling approximately 45-55 gallons of solvent per day, ensuring uninterrupted workflow.

Construction: Built with sturdy 18-gauge 304 stainless steel cabinet for durability and longevity.

Distillation Tank: Features a robust 316 stainless steel distillation tank, ensuring corrosion resistance and optimal performance.

Cooling System: Equipped with a high-efficiency 316 stainless steel condenser, driven by a motor-driven fan, for efficient cooling.

Waste Collection: Liquid waste is collected in a debris tray, providing convenient waste management.

Model	Recovers	Process	Dimensions (WDH")	Weight	Voltage(V) / Heating Element(W)
BB30N	5 gal (20L) in about 5hrs	220-240 Batch	28 x 17 x 43	185	220-240V / 2100W
DB100N	20 gal (80L) in about 5hrs	220-240Batch	4 x 23 x 47	450	220-240V / 3400W

Part Washer with Solvent Recycler



23NL

Cleaning Tools: Equipped with flow-through brush and flexible spigot, each with flow control valve

Simultaneous Cleaning and Recycling: Clean parts while the dirty solvent recycles, with only a 4-minute downtime as the system replaces dirty solvent with clean solvent.

Ease of Service: Designed for ease of service, allowing clean tank and boiler tank removal without removing the wash sink, simplifying maintenance tasks.

Durable Construction: Stainless steel 30-gallon clean tank for long-lasting durability, ensuring reliable performance over time.

Easy Mobility: Moveable by pallet truck or forklift truck, ensuring flexibility in placement and relocation as needed.

Model	Sink Size (")	Dimensions (")	Weight
23NL-34	34 W x 28 D x 8 H	42W x 28 D x 8 H	272
23NL-42	42W x 28 D x 8 H	42W x 28 D x 8 H	302

UPW400

Dual Diaphragm Pump System: Powered by 2 Uni-Ram 4" dual diaphragm pumps, delivering a flow rate of 3.7 gallons per minute. These air-powered pumps ensure efficient and powerful cleaning performance.

Reservoir System: The diaphragm pumps transfer solvent from the 8-gallon reservoir to the jets for effective cleaning. Used solvent returns to the reservoir, facilitating continuous cleaning operations.

Timer Functionality: Equipped with a timer with a maximum duration of 5 minutes, providing precise control over cleaning cycles and optimizing efficiency.

Foot Pedal Activated Brush: Features a flow-through brush that is activated by a foot pedal, allowing for convenient and hands-free operation during cleaning tasks.



Additional Models:

UPW400W: Similar to UPW400 but designed specifically for cleaning parts with a water-based solution, catering to various cleaning needs.

UPW400E: Ready for connection to a Uni-Ram Solvent Recycler, offering enhanced sustainability and efficiency. Quick connects provided on the 8-gallon reservoir tank for ease of hose connection.



Dustless Sanding Vacuums

UR800QVAC

Two-Person Work Station: Equipped with a 16 ft hose and 20 ft power cord, allowing two employees to work independently at the same time, maximizing productivity.

Control Panel: Features an Auto mode where the vacuum turns on and off automatically, and a Manual mode for user-controlled operation. Includes an outlet for electric sanders for added convenience.

Powerful Motor: Utilizes two 800 W motors with a maximum decibel rating of 60 db, providing powerful suction for effective dust collection.

Replaceable Motor Brushes: Allows for easy maintenance and prolongs the lifespan of the vacuum system.

CE safety approval, 1 year warranty



Model	Voltage (V)	Dimensions (WDH ^m)	Weight (LB/KG)	Supply air pressure	Drum capacity	Included Sander
UR800QVAC	120 V 50 / 60 Hz	41 X 23 X 24	72 lb / 33 kg	100 -150 PSI (6.510.0 bar)	47L	No
UR300QVAC	120 V, 50 / 60 Hz	22 X 20 X 32	47 lb / 21 kg	100 PSI (6.5 bar)	24L	No

Trash Compactor & Can Crusher

UCC840C

Reduces Waste Volume: Compacts metal pails and cans to reduce waste volume by up to 80%, leading to fewer dumpster pickups and lower operating costs.

Environmental Impact: Shrinks the shop's environmental footprint by reducing the amount of waste sent to landfills, promoting sustainability and responsible waste management.



Features:

- Capability to crush most pails up to 5 gallons in size.
- Quick compacting process completed in under 60 seconds.
- Safety door automatically locks during the crushing cycle, ensuring operator safety.
- The unit can be securely bolted to the floor for added safety.
- Self-lubricating mechanism reduces maintenance requirements and downtime.

Portable Pumping Station and Diaphragm Pumps

Pumping Station - UPS40DA



Efficient Liquid Transfer:

Decreases the time required for liquid transfer.

Durability and Reliability:

UPS40DA designed for solvents, ensuring a long service life, while hand pumps may suffer from premature failure due to incompatible seals and components.

Features:

- Mounts to a wall or rests on a table.
- Valve at the discharge hose regulates the liquid flow. Includes brass intake tube, ground strap, suction and dispensing hose.

Capacity:

- 11.9 Gal (45L) per minute at 80 PSI
- Air Consumption: 7.5 CFM (212L per minute)
- Operating Pressure: 85 PSI (Factory Set)

Diaphragm Pumping for fluid transfer - UDP2TAB, UDP4TA, UDP5TA

Air-Powered:

Operates using compressed air for efficient performance.

Durable Construction:

Constructed with a reinforced Delrin body, also offered in stainless steel for added durability and longevity.

Powerful and Compact:

Packs a powerful performance despite its compact size, ensuring efficient liquid transfer.

Reliable and Long-Lasting:

Provides reliable performance with a long service life, minimizing maintenance requirements.



Model	Type of Material
UDP2TAB, UDP4TA, UDP5TA	Reinforced Delrin body, Teflon check balls, and brass hose bars
UDP2TS, UDP4TS	Stainless steel check balls and hose bars

Model	Diaphragm Size (")	Consumption (CFM)	Output (Gal/Min)	Output (L/Min)	Net Size (WxLxH) (")	Weight (LB/KG)
UDP2TA	2	0.95	1.5	5.7	4 x 5 x 3	1.3 / 0.6
UDP4TA	4	2.0	3.2	12	5.5 x 5 x 6.5	2.8 / 1.3
UDP5TA	5	7.5	11.9	45	7.1 x 6.5 x 9	5.7 / 2.6



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