



# URS900CE SOLVENT RECYCLER

The URS900, 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%.

Solvent purchases typically drop by approximately 90% and the waste hauling charge also drops by approximately 90%. The 10% waste from recycling is considered hazardous unless the Disposal Service advises otherwise. Cost savings are shown on the next page.

## FEATURES

- Batch process, 25L capacity.
- Recycles in 4-8 hrs. typically.
- Voltage: 220-240V, single phase.
- Construction: 18 gage, 304 stainless steel cabinet.
- Distillation Tank: 316 Stainless steel.
- Cooling: High efficiency 316 stainless steel condenser with motor driven fan.
- Waste Collection: The waste is collected in a high temperature nylon bag.
- Dimensions: 71cm w x 43cm d x 108cm h
- Solvent Transfer: Manual fill and transfer

WITH NEW  
PATENTED  
AUTO LID-LOCK

## SAFETY

- ATEX and IECEX certified; Ex d ib 11A T2 Gb
- Control System: A microprocessor continuously monitors and controls the work flow. Self diagnostics.
- **New, patented safety Auto Lid-lock system** automatically locks the safety cover in place when recycling starts, preventing the operator and others from inadvertent exposure to hot surfaces. The cover remains locked until the solvent recycler has cooled to a safe 50 degrees C.
- Pressure Relief System: Prevents pressure build up over 3-5 PSI.



Used solvent      Clean, distilled, solvent

Control Panel

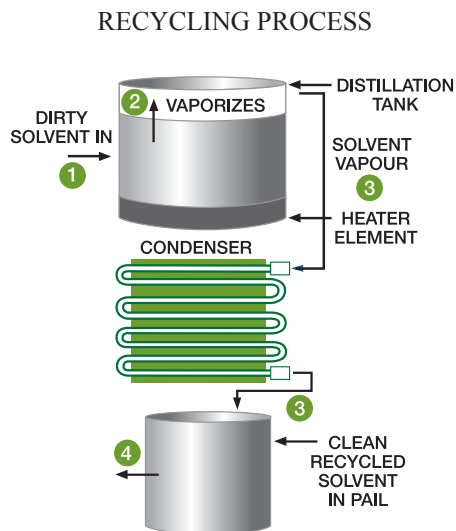


- Control System: Operational control and continuous monitoring by sophisticated micro-processor with status messages. Self test mode.

## APPLICATIONS include:

- reclaim lacquer thinners used to remove paint and debris from spray painting equipment.
- reclaim solvents like acetone used to clean equipment used in fiberglass construction.

**WITH A URS900 THE OPERATION BECOMES “GREENER” AND THE OPERATING COSTS DROP.**



- 1 Dirty solvent is pumped or poured in.
- 2) Heater is turned on, solvent vaporizes.
- 3) Solvent travels through condenser to a container.
- 4) Clean recycled solvent is pumped out for reuse.

### MODELS



Tank and Lid

Model	DRAIN	SOLVENT TRANSFER	CONDENSER
URS900CE	NO	MANUAL	COPPER
URS900EP2CE	NO	BY TIMER IN/OUT	COPPER
URS900CESS	NO	MANUAL	STAINLESS STEEL
URS900EP2CESS	NO	BY TIMER IN/OUT	STAINLESS STEEL
URS970	YES	MANUAL	COPPER
URS970EP2CESS	YES	BY TIMER IN/ OUT	STAINLESS STEEL

### COST SAVINGS

**Example: A company cleans tools and equipment with the solvent, MEK.**

#### Current Costs

Solvent Purchases (L/month)	350
Unit Cost (\$/L)	4.24
Solvent Cost (\$)	1,484.00
Disposal Quantity (L/month)	350
Unit Cost (\$/L)	.85
Disposal Cost (\$)	298.00
Total Cost (\$)	1,782.00
Annual Cost (\$)	21,384.00 (A)

#### Costs After Aquisition of a Solvent Recycler

Solvent Purchase Cost (typically 10%)	148.00
Disposal Cost (typically 10%)	30.00
Total Monthly Cost (\$)	178.00
Annual Cost (\$)	2,136.00 (B)
Annual Savings (\$) (A-B)	19,248.00

IMPORTANT !! Not for use with nitrocellulose, present in resins and paints of wood products.



Manufacturers of Solvent Recyclers

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