



SolvTrue™

S700C Solvent Recycler

For Recycling Nonflammable Solvents with Low Boiling Points in Parts Washing, Degreasing, Vacuum Degreasing, Parts Cleaning, 3D Printing, Applications for Aerospace, Precision Manufacturing, Medical Devices and Related Industries



The SolvTrue™ S700C Solvent Recycler is a simple distillation system with vacuum for recycling specialized/engineered solvents with low boiling points, including fluorinated solvents such as Novec™, Vertrel™, AeroTron™, Opteon™, Tergo™ and substitutes.

Recycle and Reuse Industrial Solvents with up to 95% Recovery*

Effectively handle, Recycle and Recover fluorinated solvents, while “Becoming Your Own Solvent Supplier,” with Reuse.

Features

Automation

- Fill, close tank, select operation and recovering solvents in less than 15 minutes
- Custom programming for unique solvent requirements
- Designed for multiple shift operations

Safety

- Multiple safety controls with end-of-cycle shutoff
- RTD probes directly monitor internal solvent and Heat Transfer Fluid temperatures for precision
- Handles liquid or solid waste streams
- Pumps directly from vapor degreaser into S700C to limit operator exposure

Ergonomics

- Mobile, mounted on locking wheels for easy relocation with stabilizer bar for added support
- Bag-lined tank allows easy removal of solid contaminants
- Vacuum pump equipped to control atmosphere and temperature, producing strong yields of expensive fluorinated solvents

Performance

- Simple distillation with vacuum
- Designed specifically for recycling and recovery of fluorinated solvents such as Novec™, Vertrel™, AeroTron™, Opteon™ and Tergo™
- Minimal evaporation losses
- Provides high concentration solvents for reuse in applications



S700C Solvent Recycler

Technical Specifications

Capacity	7 gallon (26 liter)
Dimensions	39" L x 23" W x 44" H (with stability wings W = 38")
Electrical Configurations	120V/1PH/60Hz/20A - Optional 220/240V/1PH/60Hz/20A - Standard
Heating Capacity	1500W – Standard on 120V 1500W – Standard on 220V
Average Volumetric Distillation Rate	0.75-1.5 GPH* (average based on full cycle)
Estimated Cycle Times	4-8 Hours
Compatible Solvents	BP30-60°C**
Expected Normalized Recovery Yields	85-98%+***
Nominal Operating Pressures	0 in HG to -28 in HG
Default Min. Solvent-to-Waste Boiling Point Temperature Margins	10°C
Fill Pump	Electric – Optional (Solvent Transfer Pump Cart, PMP2012A)
Cooling	Air cooled
Construction	Stainless Steel
Mounting	Wheels with locking casters
Vacuum Pump	Electric (1.6 cfm, max 28 in HG)

*Rates are a function of solvent and waste thermophysical properties, waste concentrations and solvent re-use cycles.

**Non-caustic/Nitrocellulose-free solvents only, general BP range for fluorinated solvents.

***Resultant yields are simply a representation of the solvent-to-waste mixture ratio.

Cost-Saving Benefits and Advantages

Our industrial solvent recycling solutions are designed to help lower your facility's solvent spend, reduce solvent waste and disposal costs, support effective management of EPA hazardous Waste Generator Status, adhere to relevant industry regulations, and maintain certifications while positively impacting the environment.



Adopt sustainability



Reduce hazardous waste



Improve operational efficiency



Save up to 95% annually on solvent purchase and disposal costs

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Made in the USA