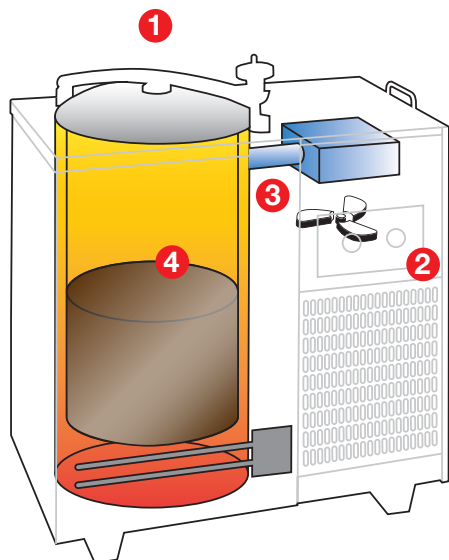


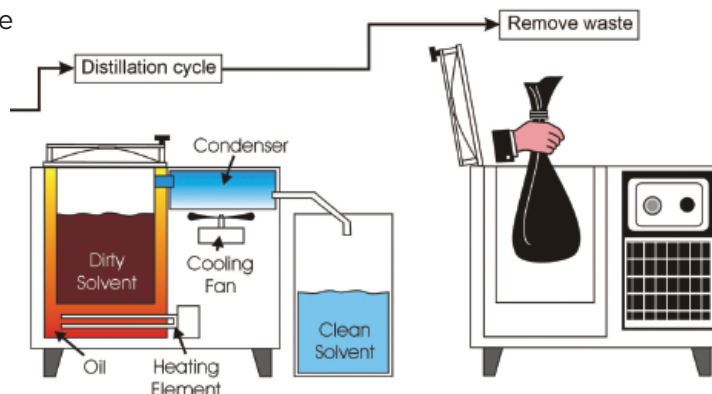


Solvent Recyclers

How to Recycle



- 1 Fit disposable bag, fill with waste solvent
- 2 Close lid and switch on
- 3 Distillation cycle
- 4 Remove waste



Vacuum Tanks

In some cases, the use of vacuum generators for vacuum distillation is required for high boiling temperature solvents and thermolabile solvents; solvents that can be affected by decomposition through distillation.

By using a vacuum generator, it makes for efficient distillation creating a high-performance process leaving the waste residuals with minimal solvent content and maximum return.

Our range of vacuum generators are pneumatic and are for use with our USD-45XPE and USD-60XPE. The vacuum generators can be manufactured horizontally or vertically depending on the space available. Standard manufacturing is horizontal.

UVG-25 (Suitable For USD-45XPE)

UVG-60 (Suitable For USD-60XPE)

Main Features

- Pneumatically operated
- Highly efficient vacuum generation
- High grade 304 stainless steel construction
- Simple operation
- Pneumatic ATEX certified double diaphragm pump for clean solvent transfer
- 40ltr capacity (UVG-25) 80ltr capacity (UVG-60)





USD45XPE Solvent Recycler



Main Features

- Up to 95% solvent recovered
- 25 ltr capacity
- Economic to run
- Vastly reduces solvent waste disposal costs
- Reduces solvent purchases
- In many cases reduces V.O.C. consumption below licensing level
- Low maintenance
- Explosion proof controls
- Automatic operation
- Stainless steel construction
- Regeneration cycle 3.5 – 5 hours
- Flame proof construction
- Fully certificated to EEXd standards, ATEX and IECEx
- Improves environmental activities

Solvent Recycler
USD45XPE

Optional equipment available. Collection tanks, transfer loading pump and drip trays.
Pages 19 and 22.



Technical Information

Height : 790mm
Width : 750mm
Depth : 450mm



Weight : 70kg



Electrical 240v Single Phase 1.5kw
Operating Temperature 60-200°C
Cooling Fan Assisted Air Cooled

Atex : Certified
Optional : IECEx Compliance



USD60XPE Solvent Recycler



Main Features

- Up to 95% solvent recovered
- 60 ltr capacity
- Economic to run
- Vastly reduces solvent waste disposal costs
- Reduces solvent purchases
- In many cases reduces V.O.C. consumption below licensing level
- Low maintenance
- Explosion proof controls
- Automatic operation
- Stainless steel construction
- Regeneration cycle 5 - 7 hours
- Flame proof construction
- Fully certificated to EEXd standards, ATEX and IECEx
- Improves environmental activities

Solvent Recycler
USD45XPE

Optional equipment available. Collection tanks, transfer loading pump and drip trays.
Pages 19 and 22.



Technical Information

Height : 900mm
Width : 970mm
Depth : 630mm



Weight : 100kg



Electrical 240v Single Phase 3kw
Operating Temperature 60-200°C
Cooling Fan Assisted Air Cooled

Atex : Certified
Optional : IECEx Compliance

Collection Tanks / Drip Trays

Bespoke built collection tanks for dirty and recovered solvent, these tanks are high grade 304 stainless steel and come complete with transfer pumps to decant solvent. Suitable for keeping the liquid stored and ready for transfer into smaller containers.

Solvent collection tank bespoke sizes are 40-200 litres. Standard production sizes are 40ltrs for the USD-45XPE and 80ltrs for the USD-60XPE.

- Strong 304 stainless steel construction
- Sight tube for solvent levels
- Access hatch for maintenance
- ATEX certified diaphragm pump for solvent transfer



Drip trays can be supplied with the solvent recyclers to help protect work surfaces and floors from spillage of solvent. These are available in a variety of sizes for the solvent recyclers, collections tanks and vacuum tanks.

- Galvanized steel
- Fully welded corners
- 100% leak proof

Loading / Transfer Systems

Our solvent recyclers can be supplied with semi-automatic loading and fully automatic loading. Semi-automatic offers an air operated double diaphragm pump to assist with loading dirty solvent. Fully automatic is with the addition of float switches to switch off the pump automatically when the tank is full.

Loading pumps can be mounted internally into the solvent recycler or externally wall mounted. The loading / transfer pump enables clean hands-free loading of dirty solvent into the solvent recycler, reducing any spill risk and heavy lifting of solvent drums for pouring into the machine.

- ATEX certified diaphragm pump for solvent transfer
- 304 stainless steel lance and chemical hose
- Pneumatic float switch (optional)



Spray Gun Cleaner Integration

Our solvent recyclers can be connected directly to a Unic Spray Gun Cleaner using our docking connection. This allows simple transfer of dirty solvent directly from your spray gun cleaner, giving easy, hands-free loading of dirty solvent into the solvent recycler.



USD200XPE/C Solvent Recycler



Continuous Cycle Solvent Recovery

Continuous cycle solvent recyclers offer large capacity solvent recovery. Each machine is custom built specifically for the purpose and customer specification. With tank capacities up to 200 litre in size and a productivity rate from 60 – 300 litres per hour.

Continuous
Solvent Recycler
USD200XPE/C



Main Features

- Stainless steel recovery tank
- Touch screen microprocessor controls
- Up to 5 continuous cycles
- Fractional distillation
- Internal tank cleaning scrapers
- Easy Low maintenance
- Fire prevention control (Optional)
- Fully automatic filling (Optional)
- Fully automatic discharge (Optional)
- Liquid vacuum ring (Optional)
- Remote viewing of recycling process via PC (Optional)
- Dirty and clean solvent stocking tanks (Optional)

