

Specifications

Model	ASR-10A	ASR-20A
Capacity	10 L / cycle	20 L / cycle
Temperature Range	50 ~ 150°C	
Temperature Accuracy	≤ ± 2°C	
Temperature Fluctuation	≤ ± 2°C	
Ethanol Recovery Yield	≥ 90% (75% Ethanol Concentration before Recovery)	
Concentration of Recovered Ethanol	Concentration Increase ≥ 5% (75% Ethanol Concentration before Recovery)	
Xylene Recovery Yield	≥ 90% (90% Xylene Concentration before Recovery)	
Concentration of Recovered Xylene	≥ 98% (90% Xylene Concentration before Recovery)	
Removal Efficiency of Solids, Pigments, Paraffin	100%	
Waste Solvent Processing Time	≤ 480 min	
Operation and Control	PLC with touchscreen interface	
Supply Voltage	AC100-240V, 50 Hz, 1000 W	
Dimension	660×640×1240mm (W × D× H)	720×700×1260mm (W × D× H)
Weight	90 kg	110 kg
Protection & Alarm	Overtemperature protection and alarms (evaporator temperature protection, condenser temperature protection)	

WASTE INTO VALUE



CyclePure Automated Solvent Recycler

Compatible with Common Laboratory Solvents

Xylene Alcohol Mixed Solvent

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HEALTHSKY

HEALTHSKY
Histology Solutions

CyclePure

Compact, fully automated, and easy to operate — ASR-10A/20A helps laboratories reduce solvent costs, minimize hazardous waste, and maintain high laboratory standards.

Recovery Rate*

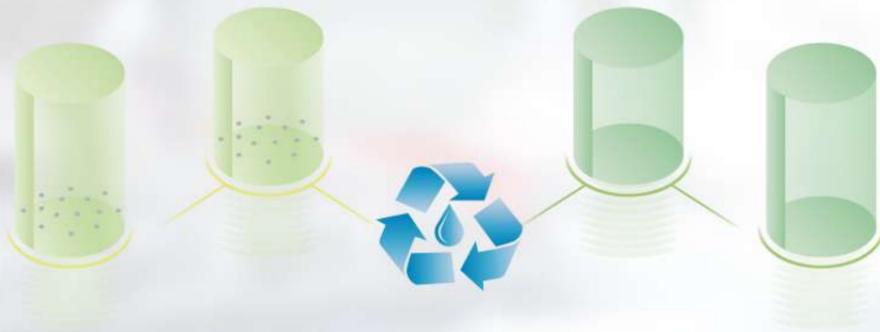
90%+

Cut Costs by**

-90%



- PLC-controlled system with touchscreen interface
- Designed Specifically for Laboratories
- Compact Footprint
- Fully Automated Distillation
- High-Purity Solvent Recovery*
- All in one unit



*Achieves >90% recovery yield, with final purity determined by the initial ethanol or xylene concentration, while reliably separating pigments, paraffin, and solid residues.

**Calculated based on Chinese public hospital data; reagent prices reflect local procurement costs.

Lab Challenges



High Solvent Costs

Frequent purchasing of Xylene and Ethanol drains the budget



Waste Disposal

Hazardous waste removal is costly and regulated

Maximize Efficiency Minimize Waste



Reduce Solvent Costs

Recover and reuse high-purity ethanol and xylene for routine laboratory applications



Minimize Hazardous Waste

Significantly reduce waste solvent volume and disposal frequency



Streamline Lab Workflow

One-touch automated cycles minimize manual handling and exposure risks



Support Sustainability

Lower chemical consumption and environmental impact without compromising performance