

PURE PATH 100

Thin film distillation system



Cascade's PURE PATH 100 is a thin/wiped film distillation system that has been optimized for viscous crude refinement.

- Short Lead Times
- 1 Liter > 2 Liter Per Hour Thru Put

The PURE PATH 100 features quality German made chillers from Huber, Heidolph's overhead stirrer, a -105°C mechanically refrigerated cold trap and a vacuum system outfitted with Agilent's deep, hi-vac diffusion pump paired with a clean, oil-less dry scroll backing pump.

FEATURES

- Magnetic bearings, greaseless joints
- Modular system allows for expansion
- Powerful Heidolph Overhead Stirrer
- -105°C cold trap
- NRTL listed components
- One year warranty (excludes glass)
- Professional Installation



Visit our showroom!

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SPECIFICATIONS

TEMPERATURE CONTROL BY **huber**

- Huber 202 Heating Feed Vessel with Temperature Probe
- Huber 230 Cooling Main Body Condenser
- Huber 304 Heating Main Body Jacket



VACUUM SYSTEM BY **Agilent**

- Clean, Quiet Oil-Free Scroll Pump
- Deeper Vacuum with AX-65 Diffusion Pump



PRECISION GLASS BY **AGI**_{USA, Inc.}

- Evaporation Surface Area 0.1m² / Thermal Transfer Area 0.2m²
- 2000 mL Jacketed Feed Vessel with Temperature Probe
- Borosilicate Glass 3.3 / Greaseless Magnetically Sealed Joints

FACILITY POWER

3 Each 230V / 1 pH / 20 AMP Circuit

- **Circuit #1:** Huber CC-202C
(230V / 1 pH / 10 AMP)
- **Circuit #2:** Huber Ministat 230
(230V / 1 pH / 11 AMP)
- **Circuit #3:** Huber CC-304B
(230V / 1 pH / 14 AMP)
- **Plugs:** NEMA Configuration
6-15P (15 AMP)

2 Each 120V / 1pH / 20 AMP Circuit

- **Circuit #1:** Agilent Vacuum Pump
(120 VAC, 6 AMP)
- Agilent AX Diffusion Pump
(115V / 1 pH / 2.17 AMPS)
- Heidolph Overhead Stirrer
(115V / 1 pH)
- **Circuit #2:** LabConco -105°C Cold Trap
(115V / 1 pH / 12 AMP)
- Vacuum Controller
(Gauge 115V / 1 pH)

Frame Dimensions (L x W x H): 27.5" x 76.5" x 77"

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