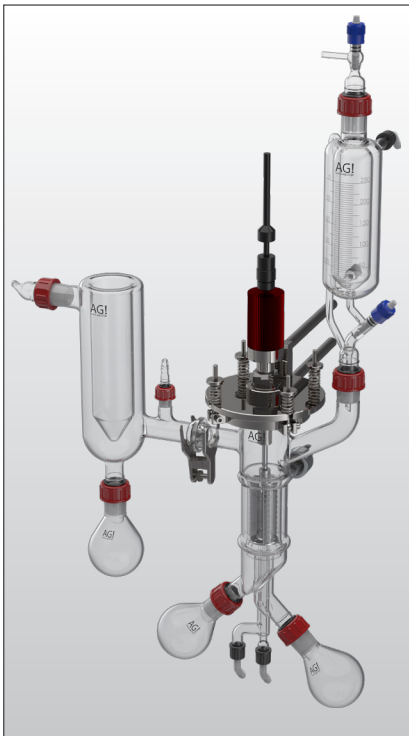


# PUREPATH 45

## 2" Wiped Film Distillation Package

**SHORT LEAD TIMES**  
GET IN BUSINESS FASTER!

**SEE IT IN ACTION!**  
MAKE AN APPOINTMENT TO  
TOUR A PROCESSING FACILITY



Cascade Science's PUREPATH 45 is a benchtop 2" Wiped Film Distillation package optimized for R&D, process development and small-batch craft. This workstation features top quality components from Agilent, AGI, Heidolph, and Huber.

### FEATURES

- Small footprint on rugged, mobile cart
- Greaseless joints prevent contamination
- All tubing, fluids, connections included
- Optional professional on-site installation is available
- Heidolph CORE Overhead Stirrer

### AGILENT VACUUM PUMP

- Foreline trap prevents backstreaming and contamination

### ASAHI PRECISION GLASS

- Evaporation surface area 0.012m<sup>2</sup>
- 250mL Jacketed Feed Flask
- Greaseless joints prevent contamination
- Glass cold trap (dry ice required)

### HUBER TEMPERATURE CONTROL

- CC-202C Heating Feed Flask and Main Body Jacket
- 125 Ministat Main Body Internal Condenser
- CC-304B Heating Main Body Jacket

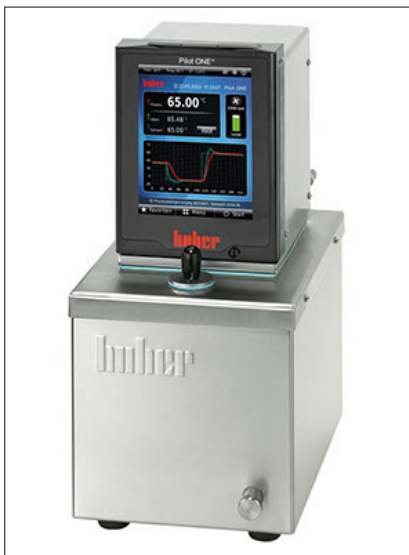
### WARRANTY

- Heidolph Overhead Stirrer – 3/yr
- Agilent Vacuum Pump – 1/yr
- Huber Temp Control - 1/yr (Register for extended 3/yr guarantee for plug & play electronic components, 2/yr for refrigeration, mechanical, electrical components)

### NRTL CERTIFIED COMPONENTS

### YOU MAY ALSO LIKE

**PUREPATH 100 + KIT A**  
4" Wiped Film Distillation with  
Mechanically Cold Traps

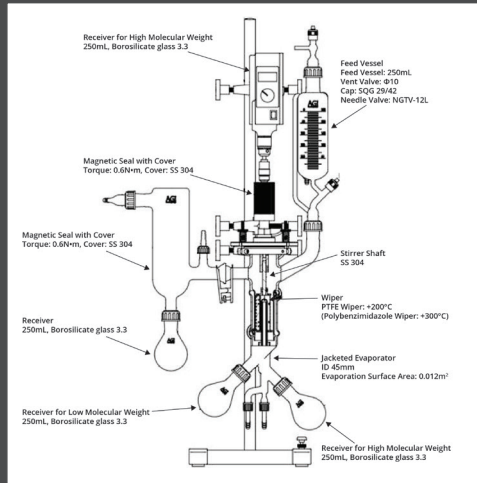


**503-847-9047**  
info@cascadesciences.com  
cascadesciences.com

**VISIT OUR SHOWROOM!**  
6725 NE Evergreen Pkwy, Ste 106  
Hillsboro, OR 97124

# PUREPATH 45 2" Wiped Film Distillation Base Package

# SPECIFICATIONS



PUREPATH 45 DIAGRAM



AGILENT DS302 VACUUM PUMP

503-847-9047

info@cascaDESCIENCES.COM  
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## ASAHI PRECISION GLASS

<b>Jacketed Evaporator ID</b>	Evap surface area of 0.012m <sup>2</sup>
<b>Glass Temperature Range</b>	-90°C to +230°C / Delta 110°C
<b>Feed Flask</b>	2L, includes vent valve, therm pocket, cap, needle valve
<b>PTFE Wiper</b>	+200°C
<b>Dry Ice Glass Cold Trap</b>	Approximately 473mL

## HUBER TEMPERATURE CONTROL

### CC-202C Heating Feed Flask and Main Body Jacket

<b>Temperature Range</b>	45°C to 200°C
<b>Temperature Stability</b>	±0.02°C
<b>Controller</b>	Pilot ONE (E-grade "Basic")
<b>Heating Capacity</b>	2kW

### Operating Data

<b>Bath Volume</b>	2L
<b>Power Supply</b>	230V 1~ 50/60Hz 10.0AMP

### NRTL Certified

### 125 Ministat Cooling Main Body Internal Condenser

<b>Temperature Range</b>	-25°C to 150°C
<b>Temperature Stability</b>	±0.02°C
<b>Controller</b>	Pilot ONE (E-grade "Basic")

<b>Cooling Capacity</b>	100 0.3	20 0.3	0 0.21	-10 0.15	-20 0.05	°C kW
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<b>Cooling Machine</b>	Air-cooled
<b>Refrigerant</b>	R290 (0.1kg)

### Operating Data

<b>Bath Volume</b>	2.75L
<b>Power Supply</b>	115V 1~ 50/60Hz 11.5AMP

### NRTL Certified

## AGILENT VACUUM PUMP

### DS302 8.2 CFM Oil Rotary Vane

<b>Ultimate Pressure</b>	2 x 10 <sup>-3</sup> mbar
<b>Power</b>	120V / 1ph
<b>Vacuum Hardware and Connections</b>	Includes digital vacuum gauge, foreline trap, mist filter