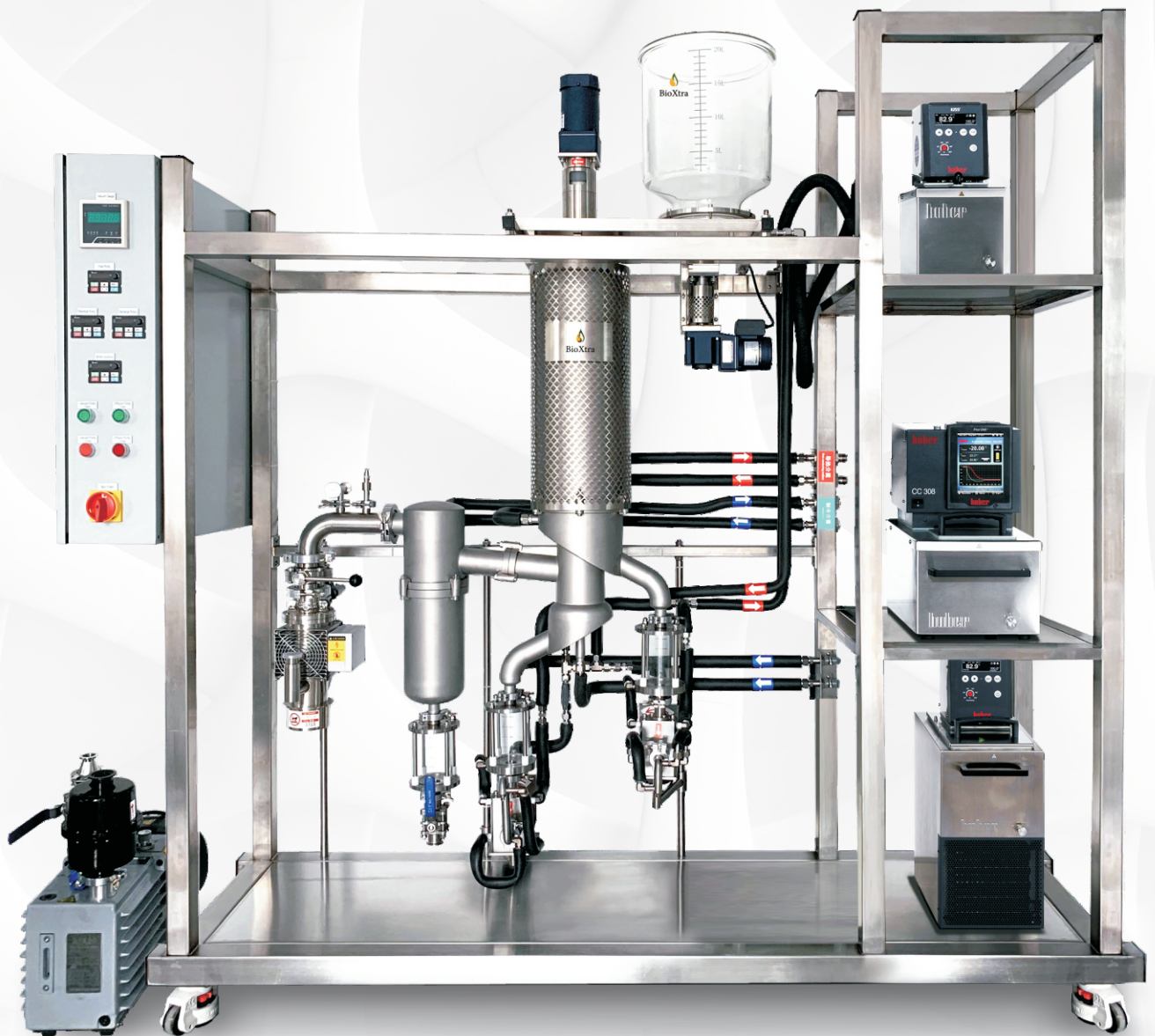


**BXD SERIES WIPED FILM  
MOLECULAR DISTILLATION SYSTEM**



**CONTACT**

Tel: +1(306) 988 1118

Web: [www.bioxtralabs.com](http://www.bioxtralabs.com)

E-Mail: [info@bioxtralabs.com](mailto:info@bioxtralabs.com)

## BXD Series Wiped Film Molecular Distillation System



**BXD-G60M**

### SYSTEM OVERVIEW

- Evaporator Construction: Borosilicate Glass 3.3
- Evaporation Area: 0.035 m<sup>2</sup>
- Feeding Tank: 1L
- Feeding System: manual
- Process Feed Rate: 0.3~1L/hr\*

### ELECTRICAL SPECIFICATION

- 230V, 60HZ, 1 Phase

### UNIT DIMENSION

- Frame Construction: 304SS
- Size: 61"L x 22"W x 53"H
- Unit Weight: approx. 360 lbs

### SUPPORTING EQUIPMENT

- Vacuum Pump  
Ultimate Pressure: 3 x 10<sup>-3</sup> mbar  
Vacuum gauge: included
- Heat Circulator  
Temperature Range: RT~200°C  
Heating Capacity: 2kw  
Bath Volume: 6L
- Cooling/Heated Circulator  
Temperature Range: -20°C~100°C  
Cooling Capacity: various  
Bath Volume: 6L

### STANDARD/COMPLIANCE

- CE, CSA, UL (upon request)

### MISCELLANEOUS

- Welch Vacuum Pump optional
- Huber Heater and Chiller optional



**BXD-G150S**

### SYSTEM OVERVIEW

- Evaporator Construction: Borosilicate Glass 3.3
- Evaporation Area: 0.25 m<sup>2</sup>
- Feeding Tank: 5L
- Feeding System: gear pump
- Process Feed Rate: 2~5L/hr\*
- Discharge Pumps optional

### ELECTRICAL SPECIFICATION

- 230V, 60HZ, 1 Phase

### UNIT DIMENSION

- Frame Construction: 304SS
- Size: 87"L x 26"W x 83"H
- Unit Weight: approx. 1,210 lbs

### SUPPORTING EQUIPMENT

- Vacuum Pump  
Ultimate Pressure: 3 x 10<sup>-3</sup> mbar  
Vacuum gauge: included
- Heat Circulator 1  
Temperature Range: RT~220° C  
Heating Capacity: 2kw  
Bath Volume: 5L
- Heat Circulator 2  
Temperature Range: RT~300° C  
Heating Capacity: 3kw  
Bath Volume: 8.5L
- Cooling/Heated Circulator  
Temperature Range: -20°C~100°C  
Cooling Capacity: various  
Bath Volume: 8L

### STANDARD/COMPLIANCE

- CE, CSA, UL (upon request)

### MISCELLANEOUS

- Welch Vacuum Pump optional
- Huber Heater and Chiller optional



**BXD-S150A**

### SYSTEM OVERVIEW

- Evaporator Construction: SS316
- Evaporation Area: 0.25 m<sup>2</sup>
- Feeding Tank: 20L
- Feeding System: gear pump
- Process Feed Rate: 3~8L/hr\*
- Discharge: gear pump

### ELECTRICAL SPECIFICATION

- 230V, 60HZ, 1 Phase

### UNIT DIMENSION

- Frame Construction: 304SS
- Size: 90"L x 30"W x 96"H
- Unit Weight: approx. 1,540 lbs

### SUPPORTING EQUIPMENT

- Vacuum Pump  
Ultimate Pressure: 3 x 10<sup>-3</sup> mbar  
Vacuum gauge: included
- Heat Circulator 1  
Temperature Range: RT~220° C  
Heating Capacity: 2kw  
Bath Volume: 5L
- Heat Circulator 2  
Temperature Range: RT~300° C  
Heating Capacity: 3kw  
Bath Volume: 8.5L
- Cooling/Heated Circulator  
Temperature Range: -20°C~100°C  
Cooling Capacity: various  
Bath Volume: 8L

### STANDARD/COMPLIANCE

- CE, CSA, UL (upon request)

### MISCELLANEOUS

- Welch Vacuum Pump optional
- Huber Heater and Chiller optional

\* Process feed rate may differ based on amount of low boiling molecules in feedstock and SOP.

*Stock photo may not represent actual system as sold to date. Specifications and supporting equipment may change or upgrade at any time, please contact us for the most up-to-date information.*

## Optional Supporting Equipment for UL/CSA compliance



Huber Kältemaschinenbau AG, Germany is the technology leader for high precision thermoregulation in research and industry. Our products ensure precise temperature control in laboratories, pilot plants and production processes. The product range offers solutions for all thermoregulation tasks from -125 to +425 °C.

### HC-CC-205B Huber Pilot One



#### Key Features:

- Offers a brilliant 5.7" touchscreen with graphic functions and a comfortable navigation menu
- Temperature range (-30) 45~200 °C
- Heating capacity 2 kW
- Pressure pump max. 27 l/min
- Power supply 230V 1Ph 50/60Hz
- Dimensions (W x D x H) 7.0 x 13.3 x 14.0" (178 x 337 x 355mm)
- Weight 9 kg

### HU-CC-308B Huber Pilot One



#### Key Features:

- Heating bath circulation thermostats with a stainless steel bath allow the temperature control of internal and external thermoregulation tasks.
- Temperature range (-20) 28~300 °C
- Heating capacity 3.0 kW
- Pressure pump max. 25 l/min
- Power supply 230V 1Ph 50/60Hz or 400V 3Ph 50/60Hz
- Dimensions (W x D x H) 13.2 x 15.0 x 17.1" (335 x 382 x 433mm)
- Weight 22 kg

### HU-KISS-6 Huber Kiss Circulator



#### Key Features:

- The KISS Circulator (cooling bath thermostat) has an insulated cooling bath and is well-suited for the thermoregulation of objects placed within the bath
- Temperature range -25~200 °C
- Heating capacity 1.5 kW
- Pressure pump max. 14 L/min
- Power supply 110V 1Ph 50/60Hz
- Dimensions (W x D x H) 8.27 x 15.75 x 21.5" (210 x 400 x 546mm)
- Weight 25 kg



Welch is the technology leader for laboratory and light industrial vacuum pumps, systems, and components.

### CRVpro 16 & 30 Direct Drive



#### Key Features:

- Runs 10°C cooler than comparable pumps. Slows corrosion. Has a 40% larger oil capacity than comparable pumps. Dilutes aggressive chemicals. Has a chemical resistant coating in the oil case and pump module. Protects non-moving parts.
- Free Air Displacement: 22.1 cfm (627L/min)
- Noise level (50 Hz) 55 dB (A)
- Oil capacity 2100 ml
- Ultimate Pressure: 2x10<sup>-3</sup> torr
- Motor power 0.7/0.85 kW 50/60Hz
- Dimensions (L x W x H) 22.4 x 8.1 x 11.4" (569 x 206 x 289mm)
- Weight 39.5 kg

*Stock photo may not represent actual system as sold to date. Specifications and supporting equipment may change or upgrade at any time, please contact us for the most up-to-date information.*