

INTRODUCING THE ALL NEW

Pope ProPass 600 Wiped-Film Still

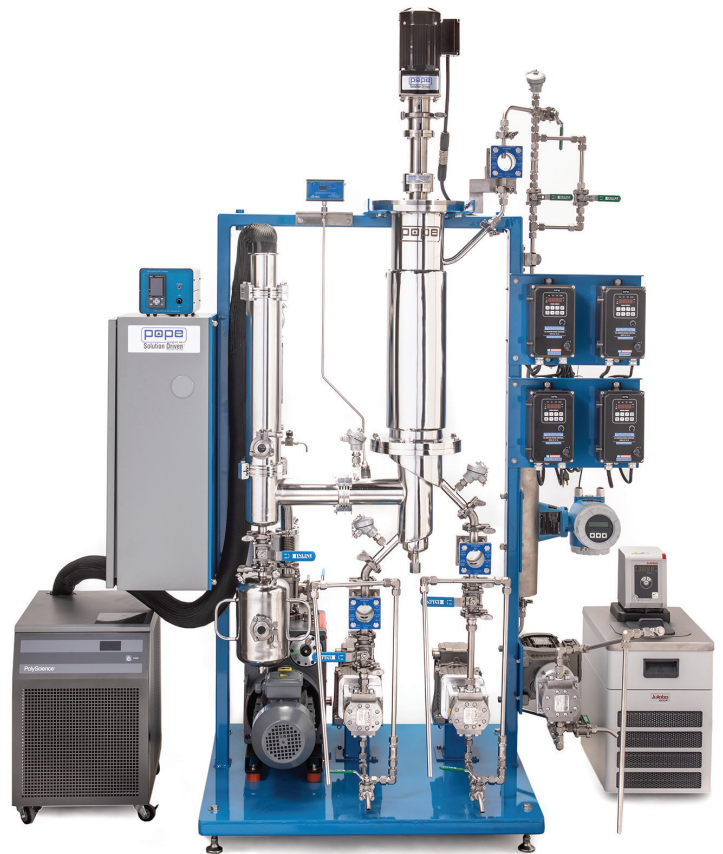


HIGHEST PERFORMANCE - GREATEST THROUGHPUT / PRICE RATIO

Description:

Recognized for decades for molecular distillation excellence, Pope Scientific proudly presents the ProPass 600 System. This single-stage wiped-film short-path distillation system contains the core essentials for reliable, round the clock operation. This includes processing materials of high heat sensitivity, BP, MW, and viscosity. All 316L stainless steel construction with no glass except for armored sight glasses, provides durability and high heat transfer rates for maximum efficiency and throughput.

The ProPass 600 has been developed from Pope's 45 years of experience in wiped-film distillation technology, equipment manufacturing and toll processing services. This design includes new high performance gear pumps, oversized vacuum pump, a compact, heavy-duty frame and more. The result is an industrial machine ready to take on a wide quality range of extracts and provide high purity and yield distillate product. And as always, backed by Pope's unmatched customer service and technical guidance after the sale.



Versatility:

A wide variety of applications in many industries may be handled with the ProPass with a wide range of parameters. Where more than a single distillation pass is required, ProPass modules may be linked together in series. For concentration and high percentage solvent applications, Wiped-Film Evaporator (WFE) versions with external condensers are available. The ProPass is also very useful for pilot plant studies and scaleup work.

Key Features:

- Up to 22 kg/hr feed rate
- Single point power distribution panel
- New high performance liquid and vacuum pumps
- All wiring to NEC industrial standards
- 316L SS used on all wetted metal parts
- Also available in 4", 9", 12" and 20" ProPass sizes
- USA designed and manufactured
- Industrial duty and performance

POPE SCIENTIFIC INC.

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Pope ProPass 600 Still System



The Pope ProPass At A Glance:

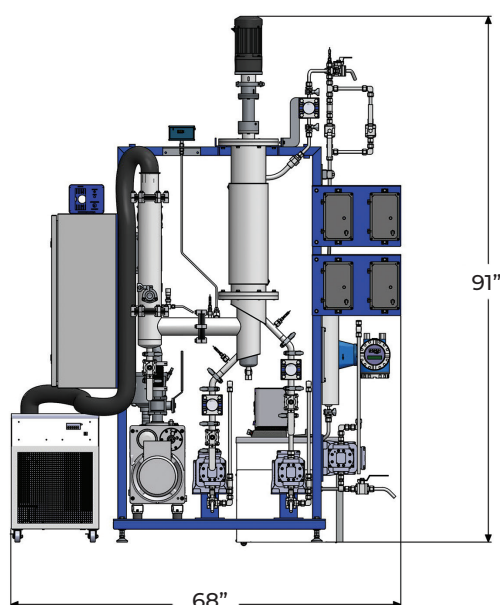
- Developed to provide the greatest reliable throughput per dollar possible!
- Choice of electric band or hot oil jacket heating
- An industrial duty no-frills, robust and efficient 6" wiped-film still for production processing or pilot plant work
- Designed as an all 316L stainless steel process wetted construction system, not a modification of a glass standard still system.
- Features a single-stage system capable of performing one-pass applications or multiple successive passes of differing operating parameters.
- Modularly designed for expansion of production needs, and easy linking of extra stages in a series if required - no need to purchase "all at once."
- Includes the basics for what is necessary to start continuous processing right out of the crate, with the option to upgrade components based on a customer's preferences and budget.

Optional Packages:

To suit the unique preferences and budget of the operator, a variety of options are available including:

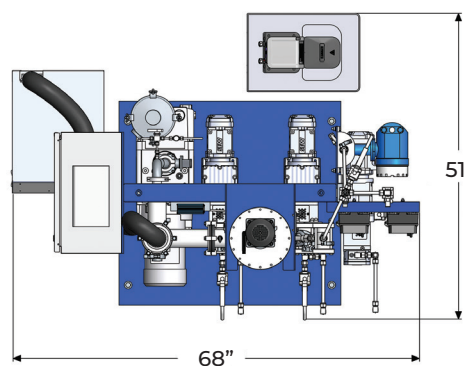
- Hot Oil Heating Substitution Package
- Feed Rate Display & Control Package
- Real-time Distillate Percentage Display Package, (eliminating bucket & stopwatch verifications)
- Vacuum Booster Package (Diffusion or other types)
- Automatic Vacuum Control Package
- Data Recording & Management Package
- Feed & Receiver Vessel Package Choices
- Contact Pope for more details regarding pricing and packages available

Dimensional Diagram:



General Specifications:

Footprint	68"W x 51"D x 91"H
Electrical	208V, 3-phase (WYE), 75 FLA (Others avail.)
Warranty	Limited 2 year warranty
Feed Rate	Up to 22 kg/h
Evaporator diameter	6"
Evaporator surface area	0.22 m ²
Internal condenser surface area	0.35 m ²
Vacuum capacity	29.7 CFM
Ultimate vacuum (clean and dry)	0.02 Torr or better (0.001 with booster)
Internal condenser chiller range	-35°C to 150°C
Immersion chiller operating temperature	-80 to -60°C



Heating Band version shown. Consult with Pope for Hot Oil version.

V1.0 2022

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