

PILOT 4T HOMOGENIZER

Versatile Solution For Your Innovation

The APV® Pilot 4T Homogenizer is your go-to choice for pilot or small-scale production. Whether you're running lab tests or aiming for small-scale productions, its sleek compact design is engineered for versatility. Ideal for dairy, food, beverage, personal care, and more.

Its innovative design ensures optimal performance through flexible capacities that allow easy adjustment for flow and pressure. From manual to fully automatic touchscreen PLC control, operation is made effortless. Its compact modular construction ensures easy integration, while plug-and-play technology offers significant time and cost savings. Additionally, a three-plunger design guarantees stable and efficient homogenization.

Why Choose the Pilot 4T?

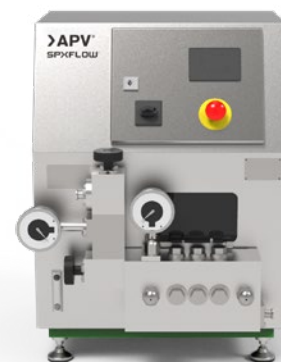
We've used our proven technology and experience to bring customers a big homogenizer performance in a small package.

Benefits

- Accelerated product development
- Repeatable performance and product quality
- Quick market entry of new products
- Scales effortlessly from lab to continuous production
- Low maintenance and reduced operational costs
- Energy-efficient IE4 motor as standard

Unlock Your Potential

Discover how our innovation can enhance your production efficiency, product development and quality. Embrace the power of homogenization with the Pilot 4T Homogenizer. The key to unlocking your production potential.



INNOVATE MORE EFFICIENTLY

The compact Pilot 4T Homogenizer provides versatility for pilot or small-scale liquid production, offering new capabilities for batch or continuous operation across a wide range of low-capacity applications. With its user-friendly interface, reliability, and flexibility, it simplifies the development of recipe parameters, allowing for seamless scaling to full-scale production without the need for costly interruptions to the production line. This minimizes the overall cost of innovation while ensuring efficient operations.

Integrated variable speed drive gives flow flexibility, reduces maintenance and saves installation cost.

Integrated controls - with a choice of manual or automatic options to match operating requirements.

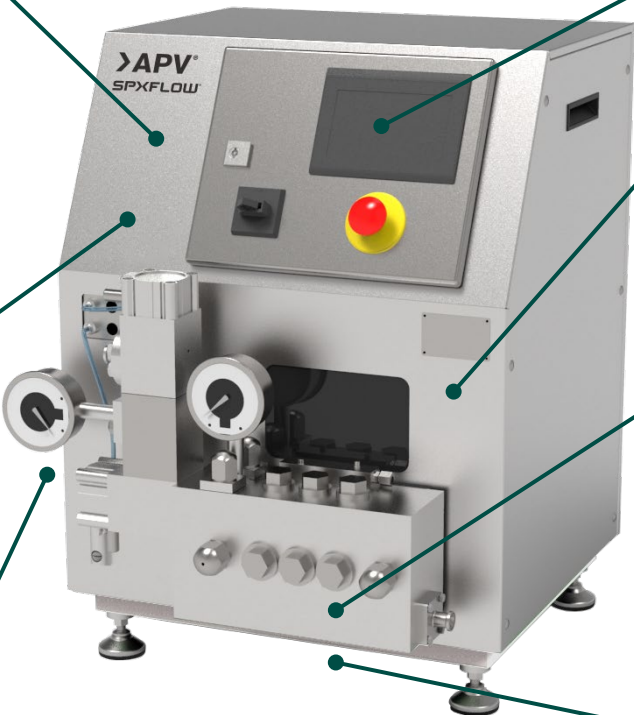
IE4 motor as standard for maximum energy efficiency.

3 plunger design for stable and efficient homogenization.

Compact modular construction enabling options to be easily added if your needs change.

Wide range of options to meet application requirements.

Skid mounted option available for a fully integrated solution. The skid includes a tank, pump, heat exchanger and sensors in a flexible, compact system.



PILOT 4T CAPACITIES

TYPE	METRIC UNITS		US UNITS	
	CAPACITY RANGE PRESSURE		CAPACITY RANGE PRESSURE	
	l/h	bar	gal/hr	psi
4T 12.38	20 - 100	1,000	5.2 - 26.5	14,500
4T 13.38	20 - 135	600	5.2 - 35.7	8,700
4T 18.38	50 - 300	400	13.2 - 79.3	5,800
4T 24.38	90 - 600	210	23.8 - 158.5	3,000

SPXFLOW®

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