

DW-150A

Medium-sized High Pressure Homogenizer

Product manual

DW-150A(-PS) High Pressure Homogenizer is a miniaturized desktop biological sample processing device. The instrument has a built-in cooling circulation system to directly cool the homogenizing head, and homogenizing valves for different applications can be purchased. It has the characteristics of high pressure, small volume, convenient operation, high processing efficiency and large sample output. It is a standard equipment for R&D and production in bioengineering and biopharmaceutical industries.

Performance characteristics

- Invention patent: structure design of built-in cooler
- High level of hygiene: 316L stainless steel material that meets food and drug requirements is used
- Multi-function options: optional secondary homogenization module, and optional homogenization valve for different applications
- Temperature controllable: The inlet and outlet of the cooling joint are connected with the constant temperature bath, effectively controlling the temperature rise of the homogeneous material
- Pressure can be adjusted: design homogeneous pressure 0~1200Mpa can be adjusted arbitrarily
- High crushing efficiency: the particle size of the material can be uniformly refined to below 100nm, and the crushing rate is greater than 95%



Parameters

Model	DW-150A
Motor power	3.0KW class 8
Maximum flow	12-25 liters/hour
Maximum working pressure	1500bar
Maximum product viscosity	2000cP
Material maximum feed particle diameter	<500 microns
Maximum product temperature	90°C
Maximum steam temperature	121°C
Dimensions	L840*W620*H540mm
Built-in cooling	Optional low temperature thermostat, can control the sample at 5 ~ 20 °C