

DW-1A Ultra High Pressure Homogenizer

The highest pressure of DW-1A is 256Mpa (37120PSi), which can satisfy many cell wall breaking and nano homogenization / dispersion of sample, and realize effective temperature control at the same time.

Features

- Continuously adjustable pressure,0-37,120 psi.
- Simple operation, continuous circulation of sample, no exhaust, directly feed.
- Physical methods crushing to avoid external pollution.
- Convenient maintenance.
- The safety factor is high, and the circuit has overload automatic protection function.
- Many kinds of cell walls and samples are satisfied, and no specific for samples.
- E. coli and yeast broken, animal and plant cells broken, the crushing rate of more than 95% one time.
- Yeast / Ganoderma lucidum spore and other fungi broken; cyanobacteria / green algae and other algae broken.
- It can be homogeneous emulsions, liposomes, microemulsions, solid and liquid suspensions up to 100nm, with uniform particle size distribution.





Specifications

Model	DW-1A
Power Supply	380V
Pressure device	Hydraulic System
Sample tube	Stainless steel
Pressure tank size	Φ25*150mm
Capacity	Max 50ml/time, Continuous increase samples
Max pressure	256Mpa(37120PSi)
Max pressure stroke	170mm
Pressure plate speed	6.8mm/s
Dimensions	555*600*1170mm