

DW-207A Ultra High Pressure Homogenizer

DW-207A ultra-high pressure homogenizer is a miniaturized desktop biological sample processing device, which can realize cell crushing or material homogenization in biological laboratories and small-scale production. Different samples are crushed, emulsified and dispersed by controlling pressure, flow, cavitation, impact, shear and process duration. There is also a cooling circulation system interface, which can effectively control the temperature with a constant temperature bath to improve the homogenization effect. Applicable to universities, research institutes, and enterprise R&D laboratories in the fields of pharmaceuticals, biotechnology, cosmetics, food and beverage, and graphene.



Parameters

MODEL No	DW-207A
Maximum design pressure	2070bar/207Mpa/30015psi
Maximum working pressure	1800bar/180Mpa/26100psi
Maximum sample throughput	15L/H
Minimum sample throughput	15ml
Material residue	0ml (no residue)
Maximum Feed Particles	<500 microns
Flow control	Freely adjust the flow
Sensor	Imported high precision sensor
Built-in cooler	Equipped with a cooler, no consumption of materials, and control of homogeneous temperature
Accessories	Chiller
Exhaust method	Online exhaust
Electrical control	Industrial grade PLC controller
Screen and display	7-inch industrial-grade touch screen + integrated digital display of pressure and temperature + real-time display of pressure
Net weight	95kg
Dimensions	1100*310*460mm