

PSI-20

The high pressure
homogenizer



EMULSIONS
LIPOSOMES
DISPERSIONS
DEAGGLOMERATION
CELL-DISRUPTION
PARTICLE SIZE REDUCTION
STABILIZATION
AND MORE

Dyhydromatics 

Providing The Forces You Need To Succeed

Its compact size and quiet operation do not compromise its capabilities in terms of maximum pressure and flow rate. The PSI-20 is great for lab work, with batches as small as 150 mL, but is also an excellent small-scale production workhorse, even in continuous process configurations.



FOOTPRINT	25.6" W x 35.4" L x 44.3" H (600 mm x 900 mm x 1126)
POWER	460vac / 3ph / 60Hz / 5.9a
FLOW RATE	330 mL/min @ 30,000 psi (2069 bar)
WEIGHT	342 lbs. (155 kg)

The choice of the best materials and finishing make the PSI-20 suitable for every industry, including the most demanding pharmaceutical, biochemical and food processing environments.

Standard Equipment:

- Diamond Chambers (sized to application needs)
- Digital screen operating control
- Data acquisition
- 1 L stainless steel reservoir
- Product heat exchanger
- Power supply selection: 200, 208, 220, 230, 240, 400, 420, 430, 440, or 460 VAC
- Tool kit
- Spare part kit

Accessories:

- GMP compliant data recording
- Remote control
- Pressure transducer
- Temperature sensors
- Feed reservoirs: 400 mL, 2 L and windowed stainless steel
- Feed shut-off assembly
- Chamber cooling

Contact us

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