

PSI-20

The high pressure
homogenizer



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



work smarter.

Its compact size and quiet operation do not compromise its capabilities in terms of maximum pressure and flow rate. The PSI-20 is just 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.

up to 2000 bar
up to 20 L/h
less than 70dBA
small footprint



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.

Every unit comes with a comprehensive standard equipment, including an electropolished shell-tube heat exchanger, an easy to use user interface and built-in data acquisition capabilities, but there are many accessories and options to make the PSI-20 the perfect fit for your needs, like GMP compliant record handling, remote control, NIST traceable temperature and pressure sensors.

FOOTPRINT W×L×H 650×900×1126 mm

POWER 3×400V 50Hz / 3×460V 60Hz
 2.60 kW / 3.05 kW
 5.9 A / 5.9 A

WEIGHT 155 kg

Contact us

ADAPTIVE
— INSTRUMENTS —

Unit 4, Franklyn House
Daux Road,
Billingshurst,
W. Sussex, RH14 9SJ
Tel: +44 (0)1403 753333
info@adaptive-instruments.com
www.adaptive-instruments.com