

PSI-40

The high pressure
homogenizer



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

PSI *work smarter.*

Thanks to its best in class throughput, and its sturdy construction, the PSI-40 is perfect for pilot and medium-sized production batches, even in continuous process configurations. Its quiet operation and compact footprint make it also effective for lab work, with batches as small as 150ml, with a dead volume of 30ml.

up to 2000 bar
up to 70 L/h @50Hz
up to 84 L/h @60Hz
less than 68dBA
small footprint



The choice of the best materials and finishing make the PSI-40 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-40 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 3×208V 60Hz, 3×380V 60Hz
 3×220V 60Hz, 3×460V 60Hz
 3×380V 50Hz, 3×400V 50Hz

WEIGHT 170 kg

Contact us