

# 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

Distribuidor autorizado en España:

Instrumentos Físicos Ibérica SL

E-mail: [ifi@ifi.es](mailto:ifi@ifi.es)  
Web: [www.ifi.es](http://www.ifi.es)