

PSI-40

The high pressure
homogenizer



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

Dyhydromatics 

Providing The Forces You Need To Succeed

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 200 mL.

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.

Standard Equipment:

- Diamond Chambers (sized to application needs)
- Digital screen operating control
- Data acquisition
- 2 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, 1 L and windowed stainless steel
- Feed shut-off assembly
- Chamber cooling



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	1L/min @ 30,000 psi (2069 bar)
WEIGHT	342 lbs. (155 kg)

Contact us

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63 Great Road, Suite 100, Maynard, MA 01754
Phone 978.461.0200 • Fax: 978.461.0201
Customer Service Phone: 207.400.5124
customerservice@dyhydromatics.com
www.dyhydromatics.com
