

# THE HIGH-PRESSURE HOMOGENIZERS

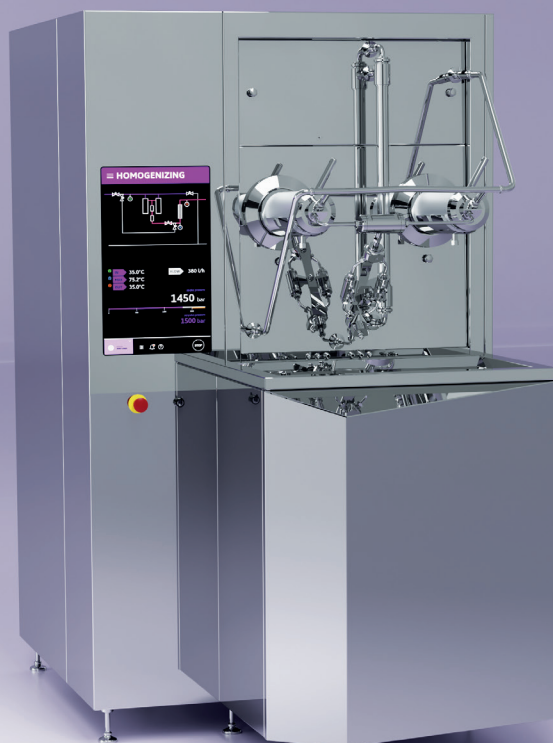
**PSI**<sup>®</sup>

# 300

/ CELL-DISRUPTION / DEAGGLOMERATION / DISPERSIONS  
/ EMULSIONS / LIPOSOMES / PARTICLE SIZE REDUCTION  
/ POLYMER MW REDUCTION / STABILIZATION / ...AND MORE



PSI-INSTRUMENTS.COM



## PSI-300

- / up to 2068 bar
- / up to **50Hz** 500 L/h **60Hz** 550 L/h
- / virtually unlimited throughput in modular configuration
- / less than 70 dBA
- / flexible configurations

Thanks to its flexible architecture and efficient hydraulic system, the **PSI-300** can achieve best-in-class throughput in a compact space. It can be customized to meet the most demanding requirements, and optimized to the workload to provide the most cost-effective solution.

### FOOTPRINT

W×L×H 1310×1900×2245 mm

### POWER

**50Hz**

3×400V 50Hz  
P<sub>N</sub> 25 kW, I<sub>N</sub> 56A

**60Hz**

3×480V 60Hz  
P<sub>N</sub> 30 kW, I<sub>N</sub> 56A

### WEIGHT

1850 kg

### FLOWRATE

**50Hz**

500 L/h

**60Hz**

550 L/h

### MAX PRESSURE

2068 bar

The choice of the best materials and finishing, the long list of options, make the **PSI-300** suitable for every industry, including the most demanding pharmaceutical, biochemical and food processing environments.

Several configurations available:

up to **50Hz** 300 L/h **60Hz** 330 L/h @ 2068 bar

up to **50Hz** 400 L/h **60Hz** 440 L/h @ 1500 bar

up to **50Hz** 500 L/h **60Hz** 550 L/h @ 1200 bar

Optional CIP and SIP, dedicated enclosures for specific products, ATEX option, additional process sensors, data acquisition and recording.

### CONTACT US

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