

## ***SUPRATON S100 INLINE HOMOGENIZER FOR LABORATORY AND PILOT PLANT***



### **Examples of use**

- ▶ Paints, varnishes and pigments
- ▶ Soaps, pastes, synthetic fibres
- ▶ Polymer chemistry
- ▶ Pesticides and fertilisers
- ▶ Waxes, greases and lubricants
- ▶ And much more

### **The full package for your laboratory or pilot plant**

- ▶ 4 kW motor incl. frequency converter
- ▶ Speed variable up to 17,000 rpm
- ▶ Circumferential speed up to 47 ms<sup>-1</sup>
- ▶ Throughput rates up to 1 th<sup>-1</sup>
- ▶ Product viscosity without feed pump up to 1,500 cP
- ▶ Easy to use thanks to double-acting mechanical seal
- ▶ Seal with FFKM O-rings for flexible use

# SUPRATON INLINE HOMOGENIZER S100

## Advantages of the Supraton S100

- ▶ Optional feed hopper module for pre-wetting and product recirculation
- ▶ Pressure gauge at product output for process control
- ▶ Scalable results for large production facilities
- ▶ Rent on a weekly basis for quick and easy feasibility studies
- ▶ Equipped with chamber or nozzle tool based on rotor-stator principle
- ▶ Tool diameter  $d_{\max} = 53 \text{ mm}$



## Factory requirements

- ▶ Power supply 16 A, 400 V, 50 Hz
- ▶ Compressed air supply via ½" thread or 10 mm quick coupler
- ▶ Optional cooling water for thermosiphon system In/Out pipe of 12 mm x 1.5 mm
- ▶ Dimensions (L/W/H): 860 mm x 560 mm x 1310 mm
- ▶ Weight: 160.00 kg

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