



designed for scientists



S 25 EC - C - 25 F Dispersing tool

/// Data Sheet

The dispersing tool S 25 EC-C-25F is particularly suitable for dispersing applications in cosmetics.

The easy clean dispersing tool is particularly easy to clean: By turning and lowering the clamp, the shaft and rotor can be dropped down till the whole rotor comes out of the stator. Then the shaft tube of the tool can also be completely rinsed from inside.

Type of bearing: Ceramic plain bearing

Product-touching material: AISL 316L, ceramics



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Solvent suitable: Yes

Sterilizable: Yes, all methods

Max. working temperature [°C]: 180

Shaft length [mm]: 191

Diameter stator / rotor [mm]: 25 / 18

Gap between [mm]: 0.5

Recommend emersion depth [mm]: 35 - 150

Recommend working range [mL]: 100 - 2000

S 25 EC-C-25F is only compatible with the dispersers T 25 easy clean digital and control.



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Technical Data

| | |
|--------------------------------------|--------------------|
| Volume range (H ₂ O) [l] | 0.1 - 2 |
| Stator diameter [mm] | 25 |
| Rotor diameter [mm] | 18 |
| Gap between rotor and stator [mm] | 0.5 |
| allowable Speed max. [rpm] | 25000 |
| Circumferential speed max. [m/s] | 23.6 |
| Immersion depth [mm] | 35 - 150 |
| Shaft length [mm] | 191 |
| Material in contact with medium | AISI 316L, ceramic |
| pH range | 2 - 13 |
| Suitable for solvents | yes |
| Suitable for abrasive substances | yes |
| Working temperature max. [°C] | 180 |
| Sterilization methods | all methods |
| Ultimate fineness, suspensions [µm] | 5 - 25 |
| Ultimate fineness, emulsions [µm] | 1 - 5 |
| Weight [kg] | 0.4 |
| Permissible ambient temperature [°C] | 5 - 40 |