



designed for scientists



S 25 EC - C - 18 G - ST Dispersing tool

/// Data Sheet

Dispersing tool S 25 EC-C-18G-ST is only compatible with the dispersers T 25 easy clean digital & control

Cleaning status for easy clean tool: 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 inside.

Type of bearing: Ceramic plain bearing

Product-touching material: AISL 316L, ceramics

Solvent suitable: Yes



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Sterilizable: Yes, all methods

Max. working temperature [°C]: 180

Shaft length [mm]: 191

Diameter stator / rotor [mm]: 18 / 13.4

Gap between [mm]: 0.25

Recommend emersion depth [mm]: 35 - 150

Recommend working range [mL]: 10 - 1500



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Technical Data

| | |
|-------------------------------------------|--------------------|
| Volume range (H2O) [l] | 0.01 - 1.5 |
| Stator diameter [mm] | 18 |
| Rotor diameter [mm] | 13.4 |
| Gap between rotor and stator [mm] | 0.25 |
| allowable Speed max. [rpm] | 25000 |
| Circumferential speed max. [m/s] | 17.5 |
| 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 [μ m] | 10 - 50 |
| Ultimate fineness, emulsions [μ m] | 1 - 10 |
| Weight [kg] | 0.4 |