



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 (H ₂ O) [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 [µm]	10 - 50
Ultimate fineness, emulsions [µm]	1 - 10
Weight [kg]	0.4
Permissible ambient temperature [°C]	5 - 40