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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

Solvent suitable: Yes
Sterilizable: Yes, all methods
Max. working temperature [°C]: 180
Shaft length [mm]: 191
Dameter 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 (H2O) [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