



## 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











## designed for scientists

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) [I]	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	





