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designed for scientists



S 25 KV - 18 G Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 25 digital
Working range: 10 - 1.500 ml
Stator diameter: 18 mm
Immersion depth: 40 - 225 mm
Materials in contact with medium: FFPM / SIC, AISI 316L
Suitable for solvents
Max. temperature: 220 °C
Sterilization methods: wet chemical

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Technical Data

Volume range (H2O) [l]	0.01 - 1.5
Stator diameter [mm]	18
Rotor diameter [mm]	12.7
Gap between rotor and stator [mm]	0.25
allowable Speed max. [rpm]	25000
Circumferential speed max. [m/s]	16.6
Immersion depth [mm]	40 - 225
Shaft length [mm]	270
Material in contact with medium	FFPM, SIC, AISI 316L, AISI 302
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	220
Sterilization methods	all methods
Vacuum [mbar]	1
Pressure max. [bar]	6
Ultimate fineness, suspensions [µm]	10 - 50
Ultimate fineness, emulsions [µm]	1 - 10
FDA conformity	yes
Weight [kg]	0.5514