



designed for scientists



S 25 KD - 18 G ST Dispersing tool

/// Data Sheet

Dispersing tool for the dispersers T 25 digital, T 25 easy clean digital/control

Type of sealing and bearing: Ball-bearing with PTFE sealing and FFKM O-ring

Product-touching material: AISI 316L, PTFE, FFKM

Suitable for solvents: Yes

Sterilizable: all methods (except ball bearing)

Suitable for vacuum: Yes

Max. working temperature [°C]: 150



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Shaft length [mm]: 194

Diameter stator/rotor [mm]: 18/13.4

Gap between [mm]: 0.25

Recommend emersion depth [mm]: 40 - 185

Recommend working range [ml]: 10 - 1,500



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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]	40 - 185
Shaft length [mm]	194
Material in contact with medium	AISI 316L / PTFE / FFPM
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	150
Sterilization methods	all methods except hot air
Vacuum [mbar]	100
Ultimate fineness, suspensions [µm]	10 - 50
Ultimate fineness, emulsions [µm]	1 - 10
FDA conformity	yes
Weight [kg]	0.3785
Permissible ambient temperature [°C]	5 - 40