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S 50 KD - G45F Dispersing tool

/// Data Sheet

Dispersing tool for the disperser T 50 digital

Type of sealing and bearing: Ball-bearing with PTFE sealing and FFKM O-ring
Product-touching material: AISL 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]: 300
Diameter stator/rotor [mm]: 45/40
Gap between [mm]: 0.5
Recommend emersion depth [mm]: 70 - 260
Recommend working range [ml]: 250 - 10,000

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Technical Data

Volume range (H2O) [l]	0.25 - 10
Stator diameter [mm]	45
Rotor diameter [mm]	40
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	10000
Circumferential speed max. [m/s]	20.9
Immersion depth [mm]	70 - 260
Shaft length [mm]	300
Material in contact with medium	FFPM, PTFE, AISI 316L
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	150
Sterilization methods	autoclavable
Vacuum [mbar]	100
Ultimate fineness, suspensions [µm]	10 - 30
Ultimate fineness, emulsions [µm]	1 - 10
Weight [kg]	0.658