

# IKA

designed for scientists



## S 25 KD - 25 F 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: 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]: 194

Diameter stator/rotor [mm]: 25/18

Gap between [mm]: 0.5

Recommend emersion depth [mm]: 40 - 185

Recommend working range [ml]: 100 - 2,000

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The imLab logo features the lowercase letters 'im' in a blue font, followed by 'Lab' in a white font. A small blue dot is positioned above the 'i'.

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### Technical Data

Volume range (H <sub>2</sub> O) [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]	40 - 185
Shaft length [mm]	194
Material in contact with medium	AISI 316L, PTFE, ceramic
pH range	2 - 13
Working temperature max. [°C]	150
Sterilization methods	wet chemical
Vacuum [mbar]	50
Ultimate fineness, suspensions [µm]	5 - 25
Ultimate fineness, emulsions [µm]	1 - 5