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S 25 KD - LR - 25 G Dispersing tool

/// Data Sheet

The S 25 KD - LR - 25 G dispersing tool was specially developed to use with the IKA laboratory reactors. It is slightly longer than the standard dispersing tools, allowing for a deeper tool immersion within the reactors and the processing of even lower minimum sample volumes. In addition, this tool can be used in conjunction with vacuum conditions of up to 100 mbar.

Tool disassembly for cleaning and maintenance is made simpler with this new design.

Compatible with: T 25 digital, T 25 easy clean digital, T 25 easy clean control

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Technical Data

Volume range (H2O) [l]	0.05 - 2
Stator diameter [mm]	25
Rotor diameter [mm]	17
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	25000
Circumferential speed max. [m/s]	22.2
Immersion depth [mm]	40 - 220
Shaft length [mm]	267
Material in contact with medium	FFPM, PTFE, AISI 316L
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]	15 - 50
Ultimate fineness, emulsions [µm]	1 - 10
FDA conformity	yes
Weight [kg]	0.3509