



designed for scientists



S 25 KV - 25 G - IL Dispersing tool

/// Data Sheet

Specially designed dispersing tool for use with the UTL 25 digital in-line dispersing unit only. The completely sealed internal system prevents samples from entering the main drive and allows for safe operation in a horizontal in-line position.



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Technical Data

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 - 85
Shaft length [mm]	110
Material in contact with medium	FFPM / SIC, AISI 316L
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]	15 - 50
Ultimate fineness, emulsions [µm]	1 - 10
Permissible ambient temperature [°C]	5 - 40