



designed for scientists



## **S 25 KV - 25 G Dispersing tool**

/// Data Sheet

Suitable for dispersing instrument T 25 digital

Working range: 50 - 2000 ml

Stator diameter: 25 mm

Immersion depth: 40 - 225 mm

Materials in contact with medium: FFPM / SIC, AISI 316L

Suitable for solvents

Max. temperature: 220 °C

Sterilization methods: wet chemical



designed for scientists

#### Technical Data

Volume range (H <sub>2</sub> O) [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 - 225
Shaft length [mm]	270
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
Weight [kg]	0.6
Permissible ambient temperature [°C]	5 - 40