



designed for scientists



S 25 N - 25 G - ST Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 25 digital

ST tools are recommended for use with tissue and other fibrous materials*

Working range: 50 - 2000 ml

Stator diameter: 25 mm

Immersion depth: 40 - 165 mm

Materials in contact with medium: PTFE, AISI 316L

Suitable for solvents

Max. temperature: 180 °C

Sterilization methods: all methods



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Technical Data

Volume range (H ₂ O) [l]	0.05 - 2
Stator diameter [mm]	25
Rotor diameter [mm]	20
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	25000
Circumferential speed max. [m/s]	26.2
Immersion depth [mm]	40 - 165
Shaft length [mm]	194
Material in contact with medium	PTFE, AISI 316L
pH range	2 - 13
Suitable for solvents	yes
Suitable for abrasive substances	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Ultimate fineness, suspensions [µm]	15 - 50
Ultimate fineness, emulsions [µm]	1 - 10
Weight [kg]	0.4138
Permissible ambient temperature [°C]	5 - 40