



designed for scientists



## S 18 N - 19 G Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 18 digital

Working range: 10 - 1.500 ml

Stator diameter: 19 mm

Immersion depth: 35 - 170 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 <sub>2</sub> O) [l]	0.01 - 1.5
Stator diameter [mm]	19
Rotor diameter [mm]	12.7
Gap between rotor and stator [mm]	0.25
allowable Speed max. [rpm]	25000
Circumferential speed max. [m/s]	16.6
Immersion depth [mm]	35 - 170
Shaft length [mm]	204
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]	10 - 50
Ultimate fineness, emulsions [µm]	1 - 10
Weight [kg]	0.379
Permissible ambient temperature [°C]	5 - 40