

IKA

designed for scientists



S 50 N - W 65 SK Cutting head

/// Data Sheet

Suitable for dispersing instrument T 50 digital

To crush large pieces (up to 50 mm) of fibrous materials, such as vegetation, vegetables and fruit.

Working range: 1 - 10 l

Stator diameter: 65 mm

Immersion depth: 80 - 350 mm

Materials in contact with medium: PTFE, AISI 316L

Suitable for solvents: yes

Max. temperature: 180 °C

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Subject to technical changes





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Sterilization methods: all methods



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Technical Data

Volume range (H ₂ O) [l]	1 - 10
Stator diameter [mm]	65
Rotor diameter [mm]	55
allowable Speed max. [rpm]	10000
Circumferential speed max. [m/s]	28.8
Immersion depth [mm]	80 - 250
Material in contact with medium	PTFE, AISI 316L, AISI 301
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Ultimate fineness, suspensions [µm]	50 - 200
Ultimate fineness, emulsions [µm]	5 - 15
FDA conformity	yes
Weight [kg]	1.5457
Permissible ambient temperature [°C]	5 - 40