



designed for scientists



S 50 N - W 80 SMK Jet mixer head

/// Data Sheet

Suitable for dispersing instrument T 50 digital

For shortening mixing and dissolving times. The vertical flow and the high circumferential speed up to 10.000 rpm ensure intensive mixing. The head is used for adding gases or liquids, for lumpfree suspension of difficult to dissolve powders or for dissolving sedimented, already hardened substances.

Immersion depth: 140 - 350 mm

Working range: 1 - 50 l

Generator diameter: 80 mm

Materials in contact with medium: PTFE, AISI 316L



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Suitable for solvents: yes

Max. temperature: 180 °C

Sterilization methods: all methods



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Technical Data

Volume range (H ₂ O) [l]	1 - 50
Stator diameter [mm]	80
Rotor diameter [mm]	34
allowable Speed max. [rpm]	10000
Circumferential speed max. [m/s]	17.8
Immersion depth [mm]	140 - 350
Material in contact with medium	PTFE, AISI 316L, AISI 304
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Weight [kg]	0.521
Permissible ambient temperature [°C]	5 - 40