



designed for scientists



S 25 KV - 18 G Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 25 digital

Working range: 10 - 1.500 ml

Stator diameter: 18 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



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Technical Data

| | |
|-------------------------------------|---------------------------------|
| Volume range (H ₂ O) [l] | 0.01 - 1.5 |
| Stator diameter [mm] | 18 |
| 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] | 40 - 225 |
| Shaft length [mm] | 270 |
| Material in contact with medium | FFPM / SIC, AISI 316L, AISI 302 |
| 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] | 10 - 50 |
| Ultimate fineness, emulsions [µm] | 1 - 10 |
| FDA conformity | yes |
| Weight [kg] | 0.5514 |