IKA

designed for scientists



# S 10 N - 8 G ST Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 10 basic and T 10 standard
ST tools are recommended for use with tissue and other fibrous materials
Working range: 1 - 50 ml
Stator diameter: 8 mm
Immersion depth: 20 - 95 mm
Materials in contact with medium: PTFE, AISI 316L
Suitable for solvents
Max. temperature: 180 °C
Sterilization methods: all methods

IKA

designed for scientists

## Technical Data

| | |
|---|---|
| Volume range (H2O) [l] | 0.001 - 0.05 |
| Stator diameter [mm] | 8 |
| Rotor diameter [mm] | 6.1 |
| Gap between rotor and stator [mm] | 0.25 |
| allowable Speed max. [rpm] | 30000 |
| Circumferential speed max. [m/s] | 9.6 |
| Immersion depth [mm] | 22 - 95 |
| Shaft length [mm] | 115 |
| 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] | 5 - 25 |
| Ultimate fineness, emulsions [µm] | 1 - 10 |
| Weight [kg] | 0.063 |
| Permissible ambient temperature [°C] | 5 - 40 |