



designed for scientists



## S 25 N - 25 G - ST Dispersing tool

/// Data Sheet

Suitable for dispersing instrument T 25 digital

ST tools are recommended for use with tissue and other fibrous materials\*

Working range: 50 - 2000 ml

Stator diameter: 25 mm

Immersion depth: 40 - 165 mm

Materials in contact with medium: PTFE, AISI 316L

Suitable for solvents

Max. temperature: 180 °C

Sterilization methods: all methods



designed for scientists

### Technical Data

|                                      |                 |
|--------------------------------------|-----------------|
| Volume range (H <sub>2</sub> O) [l]  | 0.05 - 2        |
| Stator diameter [mm]                 | 25              |
| Rotor diameter [mm]                  | 20              |
| Gap between rotor and stator [mm]    | 0.5             |
| allowable Speed max. [rpm]           | 25000           |
| Circumferential speed max. [m/s]     | 26.2            |
| Immersion depth [mm]                 | 40 - 165        |
| Shaft length [mm]                    | 194             |
| 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]  | 15 - 50         |
| Ultimate fineness, emulsions [µm]    | 1 - 10          |
| Weight [kg]                          | 0.4138          |
| Permissible ambient temperature [°C] | 5 - 40          |