



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



designed for scientists

#### Technical Data

|                                      |                       |
|--------------------------------------|-----------------------|
| Volume range (H <sub>2</sub> O) [l]  | 0.01 - 1.5            |
| Stator diameter [mm]                 | 18                    |
| Rotor diameter [mm]                  | 12.7                  |
| Gap between rotor and stator [mm]    | 0.3                   |
| 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 |
| 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                |
| Weight [kg]                          | 0.5514                |
| Permissible ambient temperature [°C] | 5 - 40                |