



designed for scientists



## **S 65 C - G 65 M Dispersing tool**

/// Data Sheet

Dispersing tool for the disperser T 65 basic/digital

Type of sealing and bearing: Ball-bearing and ceramic plain bearing

Product-touching material: AISL 316L, ceramic

Suitable for solvents: Yes

Sterilizable: all methods (except ball bearing)

Suitable for vacuum: No

Max. working temperature [°C]: 180



designed for scientists

Shaft length [mm]: 520

Diameter stator/rotor [mm]: 65/58

Gap between [mm]: 0.5

Recommend emersion depth [mm]: 94 - 450

Recommend working range [ml]: 2,000 - 40,000



designed for scientists

#### Technical Data

Volume range (H <sub>2</sub> O) [l]	2 - 40
Stator diameter [mm]	65
Rotor diameter [mm]	53
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	9500
Circumferential speed max. [m/s]	28.8
Immersion depth [mm]	90 - 450
Shaft length [mm]	520
Material in contact with medium	AISI 316L, ceramic
pH range	2 - 13
Suitable for solvents	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Ultimate fineness, suspensions [µm]	20 - 50
Ultimate fineness, emulsions [µm]	5 - 15
Weight [kg]	3.91
Permissible ambient temperature [°C]	5 - 40