



designed for scientists



S 65 KD - G 65 F Dispersing tool

/// Data Sheet

Dispersing tool for the disperser T 65 basic/digital

Type of sealing and bearing: Ball-bearing with PTFE sealing and FFKM O-ring

Product-touching material: AISI 316L, PTFE, FFKM

Suitable for solvents: Yes

Sterilizable: all methods (except ball bearing)

Suitable for vacuum: Yes

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]: 92 - 450

Recommend working range [ml]: 2,000 - 30,000





designed for scientists

Technical Data

Volume range (H ₂ O) [l]	2 - 30
Stator diameter [mm]	65
Rotor diameter [mm]	58
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	9500
Circumferential speed max. [m/s]	28.8
Immersion depth [mm]	80 - 450
Shaft length [mm]	520
Material in contact with medium	FFPM, PTFE, AISI316L
pH range	2 - 13
Working temperature max. [°C]	180
Sterilization methods	wet chemical
Vacuum [mbar]	100
Ultimate fineness, suspensions [µm]	5 - 20
Ultimate fineness, emulsions [µm]	1 - 10
Weight [kg]	4.24
Permissible ambient temperature [°C]	5 - 40