



designed for scientists



S 25 KD - LR - 30 F

/// Fiche technique

The S 25 KD - LR - 30 F dispersing tool was specially developed to use with the 5-liter laboratory reactor LR-5.ST. The F tool results in extremely fine emulsions, as low as 1 micron, but requires relatively low viscosities in order to achieve such fine emulsions. It is slightly longer than the standard dispersing tools, allowing for a deeper tool immersion within the reactors and the processing of even lower minimum sample volumes. In addition, this tool can be used in conjunction with vacuum conditions of up to 100 mbar.

Tool disassembly for cleaning and maintenance is made simpler with this new design.



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Compatible with: T 25 digital, T 25 easy clean digital, T 25 easy clean control



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Données techniques

Capacité traitée (H2O) [l]	0.1 - 5
Diamètre du sator [mm]	30
Diamètre du rotor [mm]	23
Interstice stator-rotor [mm]	0.5
Vitesse admissible max. [rpm]	25000
Vitesse périphérique [m/s]	30.1
Profondeur d'immersion [mm]	40 - 220
Longueur totale [mm]	267
Matériel en contact avec le produit	AISI 316L / PTFE / FFPM
pH	2 - 13
Résiste aux solvants	oui
Plage de mesure de température max. [°C]	150
Méthodes de stérilisation	toutes les méthodes sauf l'air chaud
Vide [mbar]	100
Finesse finale, suspension [μm]	5 - 25
Finesse finale, émulsions [μm]	1 - 5
Conforme à la FDA	oui