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DIS-50-T-M Dissolver tube, titanium. 50 ml

/// Data Sheet

The 50ml disposable tube DIS-50-T is equipped with a dissolver blade made of titanium (according to ICH-Q3DH guideline) and opens up new application fields. It was designed for dissolving samples in different solvents.

For a list of suitable solvents refer to the manual.

Tube for ULTRA-TURRAX® Tube Drive P control

- Volume [mL]: 50
- Working range [mL]: 10 - 40



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- Functional unit: Dissolver, titanium
- Membrane lid: yes
- Sterile: no
- IVD label: no
- ICH-Q3D confrom: yes
- Packaging unit [pcs.]: 10
- Application: crushing, mixing, dissolve
- Application example: Dissolving of tablets or capsules in solvents

General laboratory uses:

- Dissolving solid samples in various solvents (aqueous or organic)
- Tablet or capsule dissolution testing for pharmaceutical analysis
- Rapid mixing and dispersion of powders into liquids
- Preparation of suspensions and emulsions for QC testing
- Dissolving pigments, dyes, or additives for material science studies
- Pre-analytical dissolution of food, feed, or environmental samples for further chemical or biological analysis



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Technical Data

Volume range (H ₂ O) [l]	0.02 - 0.05
Rotor diameter [mm]	27.2
Tube diameter [mm]	48
Circumferential speed at 6000 rpm [m/s]	8.7
Volume Tube [ml]	50
FDA conformity	yes
Material: Membrane	PP
Material: Testing Vessel and Cap	PP
Material: Gyrate Stick	PEEK
Material: Dissolver	Titanium
Weight [kg]	0.4196
Packing unit [pcs]	10