



designed for scientists



## T 10 battery Complete Solution

/// Data Sheet

The T 10 battery Complete Solution provides a complete solution for benchtop dispersing operation and includes a reusable stainless steel dispersing tool (5 mm), a stand and a clamp in the scope of delivery.

Features:

- Large LCD display allows for easy parameter viewing
- Brushless DC motor for quieter operation
- Precise speed setting with numerical values
- Timer and counter functions for reproducible and precise operation



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- Rechargeable battery with two charging options: Either directly through a USB-C cable or via a charging clamp
- Labworldsoft compatible for remote control and data export and documentation

Scope of delivery

- T 10 battery ULTRA-TURRAX®
- S 10 N - 5 G Dispersing tool
- H 44 Boss head clamp
- R 104 Stand



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## Technical Data

|                                      |               |
|--------------------------------------|---------------|
| Motor rating input [W]               | 30            |
| Motor rating output [W]              | 25            |
| Volume range (H <sub>2</sub> O) [l]  | 0.0005 - 0.1  |
| Viscosity max. [mPas]                | 200           |
| Speed range [rpm]                    | 8000 - 30000  |
| Speed deviation [%]                  | 5             |
| Speed adjustment                     | stepless      |
| Speed display                        | LCD           |
| Noise without element [dB(A)]        | 65            |
| Motor principle                      | Brushless DC  |
| Process type                         | batch         |
| Power-ON time [min]                  | 10            |
| Power-OFF time [min]                 | 5             |
| Timer                                | yes           |
| Timer display                        | LCD           |
| Dimensions (W x H x D) [mm]          | 53 x 239 x 70 |
| Weight [kg]                          | 0.5           |
| Permissible ambient temperature [°C] | 5 - 40        |
| Permissible relative humidity [%]    | 80            |
| USB interface                        | USB-C         |
| Power input max. [W]                 | 45            |
| Power input standby [W]              | 0.1           |
| DC Voltage [V=]                      | 15            |
| Current consumption [mA]             | 3000          |