

## Data Sheet

Crushing / Dispersers



### T 25 digital ULTRA-TURRAX®

The new ULTRA -TURRAX® high-performance disperser by IKA®

- For volumes of 1 to 2.000 ml (H<sub>2</sub>O)
- The spectrum of applications ranges from homogenizing waste water samples to the use in laboratory reactors, to dispersion tasks under vacuum / pressure and sample preparation in medical diagnostics
- Three types of shaft bearings
- Standard version with digital display
- Rotor-Stator configurations have thirty years of proven, guaranteed comparability of test results

Accessories: S 25 N - 18 G Dispersing element, Silentstream, S 25 N - 8 G Dispersing element, S 25 N - 25 G Dispersing element, S 25 N - 25 F Dispersing element, S 25 KV - 18 G Dispersing element, S 25 KV - 25 F Dispersing element, S 25 KV - 25 G Dispersing element, S 25 NK - 19 G Dispersing element, R 182 Boss head clamp, RH 3 Strap clamp, R 1825 Plate stand, R 1826 Plate stand, R 1827 Plate stand, S 25 D - 14 G - KS Dispersing element (10 pcs), S 25 D - 10 G - KS Dispersing element (10 pcs), S 18 / 2 -ET 0 Disposable tube, S 25 N - 10 G Dispersing element

| Technical Data                             |                       |
|--|-----------------------|
| Motor rating input [W]                     | 500                   |
| Motor rating output [W]                    | 300                   |
| Volume range min. (H <sub>2</sub> O) [l]   | 0.001                 |
| Volume range max. (H <sub>2</sub> O) [l]   | 2                     |
| Viscosity max. [mPas]                      | 5000                  |
| Speed range [rpm]                          | 3400 - 24000          |
| Speed deviation [%]                        | 1                     |
| Speed control                              | stepless              |
| Speed display                              | LED                   |
| Noise without element [dB(A)]              | 73                    |
| Extension arm diameter [mm]                | 13                    |
| Extension arm length [mm]                  | 175                   |
| Process type                               | batch                 |
| Dimensions (W x H x D) [mm]                | 65 x 240 x 80         |
| Weight [kg]                                | 1.6                   |
| Permissible ambient temperature [°C]       | 5 - 40                |
| Permissible relative moisture [%]          | 80                    |
| Protection class according to DIN EN 60529 | IP 20                 |
| RS 232 interface                           | no                    |
| Analog output                              | no                    |
| Voltage [V]                                | 220 - 240 / 100 - 120 |
| Frequency [Hz]                             | 50/60                 |
| Power input [W]                            | 500                   |
| <b>Ident. No.</b>                          | <b>3565001</b>        |