IKA

designed for scientists



T 18 mini digital Solution

/// Data Sheet

T 18 mini digital is an economical high-performance dispersing instrument with a wide speed range of 3000 - 25,000 rpm for working volumes of up to 1.5 liters (H20). It enables the user to work at high circumferential speeds even with small rotor diameters. The compact design of this disperser allows for operation in the tightest of spaces. A large TFT display ensures easy readability from a greater distance, even from outside a fume hood. This setup is best suited for simple applications homogenizing samples with low viscosity.

The T 18 mini digital Solution provides a complete starter solution to start your homogenisation journey, complete with a dispersing tool, shaft and stand for basic homogenisation requirements with a compact size and smart features.

designed for scientists

Scope of delivery
•T 18 mini digital ULTRA-TURRAX®
•S 18 N - 19 G Dispersing tool
•R 1826 Plate stand
•R 182 Boss head clamp

designed for scientists

Technical Data

Motor rating input [W]	210
Motor rating output [W]	160
Volume range (H2O) [l]	0.001 - 1.5
Viscosity max. [mPas]	2000
Speed range [rpm]	3000 - 25000
Speed deviation [%]	3
Speed adjustment	stepless
Speed display	LED
Noise without element [dB(A)]	75
Motor principle	Brushless DC
Extension arm diameter [mm]	13
Extension arm length [mm]	160
Process type	batch
Timer	yes
Timer display	LED
Permissible ON time [%]	100
Dimensions (W x H x D) [mm]	66 x 186 x 100
Weight [kg]	1.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 30
USB interface	USB-C
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	210
Power input max. [W]	250
Power input standby [W]	3
DC Voltage [V=]	48
Current consumption [mA]	4500