

# Mixers

## Ultra Turrax T25 digital Homogeniser



For high speed shredding, homogenising and dispersing a wide range of free-flowing materials.

- ◆ Speed adjustable between 500 to 25000rpm
- ◆ Digital speed display
- ◆ Article reduction down to 1µm
- ◆ Can be hand-held or mounted on an accessory stand
- ◆ Operating range up to 2 litres depending on dispersing head chosen
- ◆ Set rotor speed maintained irrespective of viscosity changes during dispersion

### Drive Module, T25 digital

As described. With stepless, adjustable speed control and digital display, range 500 to 25000rpm. Overall 87 x 106 x 271mm W x D x H. Weight 2.5kg. For 230V 50/60Hz single phase supplies. Requires one or more accessory dispersing shafts (MT465-) as selected, for operation.

**MT450-18** Drive module T25 digital

### Accessories for Drive Module T25 digital

#### Dispersing Shafts, Interchangeable

Materials in contact with product are stainless steel and PTFE. Autoclavable.

	Ref.	Range*, ml	Shaft/ Stator dia. mm	Rotor dia. mm	Max. depth mm	Ultimate fineness µm (approx.) dispersions emulsions	
<b>MT465-10</b>	S25N-8G	1 to 50	8	6.1	85	10 to 50	1 to 10
<b>MT465-20</b>	S25N-10G	1 to 100	10	7.5	85	10 to 50	1 to 10
<b>MT465-30</b>	S25N-18G	10 to 1500	18	12.7	165	10 to 50	1 to 10
<b>MT465-40</b>	S25N-25G	50 to 2000	25	17	165	15 to 50	1 to 10

\*Range given is for material viscosities up to 200mPas.

### Stand

Base Plate 200 x 316mm and 16mm diameter stainless steel rod, 800mm high. Maximum loading capacity 5kg.

**MT468-22** Stand R1826

**SR753-09** Bosshead R182 for mounting MT450-18 on stand

**MT468-33** Strap clamp RH3 for securing/stabilising sample vessels to stand

## Overhead Stirrer



### Stirrer, RW20 digital

A robust stirrer for processing up to 20 litres of medium viscosity liquids up to 10000 mPas. With digital speed display, adjustable two-speed ranges: 60 to 500 and 240 to 2000rpm, and 1 to 10mm i.d., hollow shafted chuck. Also incorporates an electronic temperature safety cut-out on the motor and 13mm diameter clamping rod for mounting on a stand. Overall dimensions 88 x 212 x 294mm W x D x H. Weight 3.1kg. For 230V 50/60Hz single phase supplies. Without rotor.

**SR750-25** RW20 digital

### Rotors, stainless steel

Suitable for all models. On 8mm diameter shaft.

	Ref.	Impellor length	Shaft
<b>SR753-14</b>	R1375	Blade 70 x 70mm	550mm
<b>SR753-17</b>	R1345	Propellor 4-blade 100mm dia.	550mm
<b>SR753-19</b>	R1300	Dissolving 80mm dia.	350mm
<b>SR753-23</b>	R1312	Turbine 50mm dia.	350mm

Full details and alternative overhead stirrers - see SR550/SR765-series.



**MT450-18 with dispersing head**



**SR750-25 with accessories**