

Homogenisers



Dispersers, T18 basic and T25 digital, Ultra-Turrax®



- Digital speed display
- Electronic speed control
- Electronic overload protection
- Stainless steel dispersing elements can be cleaned quickly and easily
- Plastic disposable dispersing elements are available in two sizes
- Error code display
- Quiet operation

Dispersing instruments for volumes from 1mL to 2000mL (H₂O) with digital speed display.

The T18 digital and T25 digital offer a wide speed range from 50rpm to 25,000rpm that enables users to work at high circumferential speeds even with small rotor diameters. A broad choice of dispersing elements guarantees a wide range of applications.

The T25 digital is also ideal for homogenising waste water samples, use in laboratory reactors, dispersion tasks under vacuum/pressure and sample preparation in medical diagnostics.

Accessories available on request.

Technical Specification - General

Speed range, rpm	500 to 25,000
Display	LED
Protection class	IP 20
Dimensions [w x d x h], mm	100 x 68 x 275
Mass, kg	2.5
Electrical supply	220V to 240V, 50/60Hz

Technical Specification - Specific

	13141454	13151454
Volume range, mL	1 to 1,500	1 to 2,000

Catalogue No	Legacy No	Description
13141454	-	T18 digital
13151454	-	T25 digital

Dispersing elements, stainless steel, for T18 basic

Catalogue No	Legacy No	Alt. No	Description
10689912	-	S 18N-10G	Working volume 1mL to 100mL, 108mm length x 10mm dia., rotor dia. 7.5mm, min./max. immersion depth 25/70mm
10132241	-	S 18N-19G	Working volume 10mL to 1,500mL, 204mm length x 19mm dia., rotor dia. 12.7mm, min./max. immersion depth 35/170mm

Dispersing elements, stainless steel, for T25 digital

Catalogue No	Legacy No	Alt. No	Description
10748201	-	S 25N-8G	Working volume 1mL to 50mL, 108mm length x 8mm dia., rotor dia. 6.1mm, min./max. immersion depth 27/85mm
13150693	-	S 25N-10G	Working volume 1 to 100mL, 105mm length x 10mm dia., rotor dia. 7.5mm, min./max. immersion depth 22/85mm
10232731	-	S 25N-18G	Working volume 10mL to 1,500mL, 194mm length x 18mm dia., rotor dia. 12.7mm, min./max. immersion depth 40/165mm
10400253	-	S 25N-25G	Working volume 50mL to 2,000mL, 194mm length x 25mm dia., rotor dia. 17mm, min./max. immersion depth 40/165mm
10539321	-	S 25N-25F	Working volume 50mL to 2,000mL, 194mm length x 25mm dia., rotor dia. 18mm, min./max. immersion depth 40/165mm

Dispersing elements, plastic, FDA approved, autoclavable, for T18 basic

(Further dispersing tools are available on request)

Catalogue No	Legacy No	Alt. No	Description	Pack qty
10644873	-	S18D-10G-KS	Working volume 10mL to 100mL, 150mm length x 10mm dia. rotor dia. 6.75mm, min./max. immersion depth 15/85mm	10
10731224	-	S18-14G-KS	Working volume 10mL to 500mL, 150mm length x 14mm dia. rotor dia. 9.5mm, min./max. immersion depth 15/85mm	10

Dispersing elements, plastic, FDA approved, autoclavable, for T25 digital

(Further dispersing tools are available on request)

Catalogue No	Legacy No	Alt. No	Description	Pack qty
10442743	-	S25D-10G-KS	Working volume 10mL to 100mL, 150mm length x 10mm dia. rotor dia. 6.75mm, min./max. immersion depth 15/85mm	10
10399812	-	S25D-14G-KS	Working volume 10mL to 500mL, 150mm length x 14mm dia. rotor dia. 9.5mm, min./max. immersion depth 15/85mm	10

*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffmann-La Roche