



## Homogeniser, handheld, POLYTRON PT 1300 D (High End Line)

KINEMATICA

### Homogeniser, handheld, POLYTRON® PT 1300 D (High End Line)

This high-quality homogenizer, either handheld or mounted on a swivel type stand, is ideal for quick processing of small sample quantities and volumes. The low weight of the PT 1300 D makes it easy for repeated usages. Storing the desired speed ensures repetitive and reproducible homogenizations. When the unit is switched off, the last stored speed is saved. This drive can be controlled using our KIN software from a PC via USB or RS232. There are many different styles of aggregates available from 3 mm in diameter for volumes down to 0.01 ml to 12 mm for volumes up to 250 ml. If cross contamination from sample to sample is a concern, we offer single use synthetic aggregates in 7 and 12 mm diameters. One of the more recent additions to our line is the PT-DA 20/2 X EC aggregate which was specifically designed for homogenizing tablets.

- 30 Volt, 100 Watt low-voltage motor with safety transformer
- Digital speed control from 2000 to 30000 rpm
- Aggregate tip speeds up to 14 m/s produce the finest particles possible
- Speed remains constant even when viscosity changes
- Soft start prevents splashing of homogenate from sample vessel
- Thermal fuse for overload protection
- PC interfaces (RS 232 and USB)
- MEMO function of the stored speed
- Membrane keyboard for fingertip entry of parameters and easy cleaning
- User-friendly design
- Aggregate replacement using one-handed quick-release coupling (type E)
- Various models of EasyClean dispersing aggregates



**Stand and dispersing aggregates must be ordered separately.**

#### Specifications

**Application volume:** 0.05 ... 250 ml

**Motor input power:** 100 W

**Dispersing heads:** diam. 3, 5, 7 and 12mm and diam. 20mm X EC-E116

**Speed range:** Stepless up to 30000 rpm

**Interface:** RS 232 / USB B

**Dimensions Drive / Base (L x W x H):** 210 x 40 x 45 mm / 230 x 205 x 95 mm

**Weight Drive / Base:** 620 g / 1040 g

**Power supply:** 90 ... 230 V  $\pm 10\%$ , 50/60 Hz

**IP code:** IP 20

**Tested to:** IEC/EN 61000-6-2 / EN 61000-6-3 / IEC/EN 61010-2-51



Code	Description	Packaging
LLG06286772	Hand disperser POLYTRON® PT 1300 D CH plug	1 pz.
LLG09571493	Hand disperser Polytron® PT 1300 D EU plug	1 pz



**CARLO ERBA Reagents S.A.S.**  
 Chaussée du Vexin – 27106 Val  
 de Reuil cedex  
 N° TVA: FR 63391048824  
 Tél : +33 (0)2 32 09 20 00  
[www.carloerbareagents.com](http://www.carloerbareagents.com)



**CARLO ERBA**  
*Reagents operates with  
 a Certified Quality  
 Management System*

