

**Stand Homogenisers POLYTRON PT 3100 D / PT 6100 D (High-End-Line)****KINEMATICA****Stand Homogenisers POLYTRON® PT 3100 D / PT 6100 D (High-End-Line)**

The PT 3100 D / PT 6100 D dispersion unit is unique in its class. Applications with highest demands on reproducibility or requiring a scale-up step are excellently served by this unit. The complete digitalised control and regulating system can be easily operated using the membrane keyboard. The bright and informative display shows all parameters. Via PC interface, diverse parameters such as speed profile or times can be specified using the enclosed KIN software. Results can be recorded as an Excel file. Up to 30 dispersion aggregates with different geometries, design sizes, materials and coatings are available for selection.

- Soft start (e.g. for pre-selected speed, prevents splashing sample vessel)
- Integrated overheating, overload and blocking protection
- Speed stability in the case of viscosity changes
- Simple operating concept using membrane keyboard
- Selection of three operating modes: standard, timer, auto
- PC interface (RS232) for control via KIN software
- Aggregate replacement using one-handed quick-release coupling (type F)
- Sound-insulated housing
- Digital LCD display with membrane keypad for showing process parameters and messages
- Comprehensive aggregate portfolio with easy cleaning in Easy Clean design



Stand and Dispersing heads must be ordered separately.

Specifications PT 3100 D / PT 6100 D

Application volume (water): 0.1 ... 10000 ml / 0.1 ... 30000 ml

Motor input power: 1200 W / 1700 W

Speed range (stepless): 500 ... 30000 rpm / 500 ... 26500 rpm

Interface: RS 232

Dimensions Drive (W x D x H): 130 x 240 x 265 mm / 164 x 235 x 313 mm



Weight Drive: 3.9 kg / 7.4 kg
Power supply: 110 ... 230 V $\pm$ 10 %, 50/60 Hz
IP code: IP 20
Tested to: IEC/EN 61000-6-2 / EN 61000-6-3

Code	Description	Packaging
LLG04012990	Disperser POLYTRON® PT-MR 6100 D 230V (with EU-plug)	1 pz.
LLG06286774	Disperser POLYTRON® PT-MR 6100 D 230V (with CH-plug)	1 pz.
LLG04012989	Disperser POLYTRON® PT-MR 3100 D 230V (with CH-plug)	1 pz.
LLG07982475	Disperser POLYTRON® PT-MR 3100 D 230V (with EU-plug)	1 pz.





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