The POLYTRON System PT 7100 prepares the finest dispersions and homogenisations and is suitable for use with working volumes up to 40 litres (depending on the viscosity of the product and the dispersing aggregate used). The drive can be equipped with a wide range of POLYTRON® dispersing-aggregates. The aggregates are easy to change using the quick-coupling.

The drive unit PT 7100 is equipped with a 2000 W motor and will be started using the main switch placed at the front side. The speed will be adjusted using the turning knob on the front side of the device. Within the speed range of up to 12'000 rpm, the integrated closed loop speed control will tune the speed to any adjusted value, independent from load changes.

### Technical Data

**Motor power, type**: 2000 W (input) / 1500 W (output), AC motor 3-phase  
**Supply Voltage**: 230V / 100...115V / 50/60 Hz  
**Speed at Dispersing Rotor max.**: max. 12'000 rpm  
**Direction of rotation**: clockwise, seen from above  
**Noise emission (w/o load)**: > 70 dB (A) at 12'000 rpm  
**Ambient temperature**: 0 - 40°C  
**Relative humidity**: 95% max.  
**Standards**: Manufactured acc. to EN / IEC 61010, 61326-1 for EMC & SAFETY  
**Protection class**: IP 55  
**Working volume**: max. 40'000 ml  
**Dimensions**: 600 x 1202-1702 x 600 mm  
**Weight (drive only)**: 44.00 kg

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The automatic telescopic stand is driven by an electric motor and can be adjusted using the remote controller.