

Dispersing-Systems POLYTRON®, KINEMATICA

POLYTRON® systems PT 2100 and PT 3100

Free-standing units for dispersing, emulsifying, suspending, gassing, defiberizing, etc.

① Stand dispersing unit POLYTRON® PT 2100 – Standard Line

- Powerful drive with 750 W, 230 V, 50/60 Hz
Ø 55 × 255 mm, 1000 g
- Speeds from 11000 to approx. 30000 min⁻¹
- Volume between approx. 0.1 ml and 2000 ml
- Integrated electronic speed control/stabilization
- Soft-start
- Thermal cut-out
- Speed display on the setting button
- Low noise: 75-85 dB (A)
- Fast-action coupling for dispersing units
- According to IEC 61010

Article	Order No.
POLYTRON® PT 2100 – Standard Line	53 74 02100

PT-ST 2101 stand

- With H-foot, lift drive mount and vessel holder

Article	Order No.
Stand PT-ST 2101	53 74 02150

Dispersing units for POLYTRON® PT 2100

- In easy-clean version, quickly disassembled, sterilizable by all standard methods

Type	Diameter mm	Working range ml	Order No.
PT-DA 2105/2EC	5	0.1 – 5	53 74 02105
PT-DA 2107/2EC	7	0.3 – 10	53 74 02107
PT-DA 2112/2EC	12	2.0 – 250	53 74 02112
PT-DA 2120/2EC	20	100 – 2000	53 74 02120

② Stand dispersing unit POLYTRON® PT 3100 – HighEnd Line

- Powerful drive with 750 Watt, 230 V, 50/60 Hz
135 × 260 × 175 mm (W × H × D), 3000 g
- Up to 28000 min⁻¹ and up to approx 36 m/s circumferential speed
- Volume between approx. 0.1 ml and 3000 ml
- Noise-protected to approx. 72 dB (A)
- Integrated control with LED display
- Soft-start, overload cut-out and speed stabilization
- Safety quick-action coupling
- More than 20 different and interchangeable dispersing units
- Connection for programmable RECO® controller
- 3 different stand models
- According to IEC 61010, SEV-tested

Article	Order No.
POLYTRON® PT 3100	53 74 03000

Accessories

Article	Order No.
Stand PT-ST 3001	53 74 03001

With sturdy H-foot and height-adjustable, swiveling PTFE-coated work table

Stand PT-ST 6002	53 74 03002
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Telescopic stand with H-foot, gas spring with 300 mm stroke

Dispersing units for POLYTRON® PT 3100

- In easy-clean version, quickly disassembled, sterilizable by all standard methods

Type	Diameter mm	Working range ml	Order No.
PT-DA 3007/2EC	7	0.3 – 10	53 74 03007
PT-DA 3012/2EC	12	2.0 – 250	53 74 03012
PT-DA 3020/2EC	20	100 – 2000	53 74 03020
PT-DA 3030/2EC	30	100 – 3000	53 74 03030

