

PTR-25 vertical mini rotator

2

year warranty

- EFFICIENT** › 360°C vertical rotation
- CONVENIENT** › Timer with audible alarm and automatic switch-off
- VERSATILE** › Optional extra platforms to accommodate microplates and tubes up to 50 ml
- SIMPLE** › Easy to operate, simple controls
- GREAT VALUE** › Economy solution



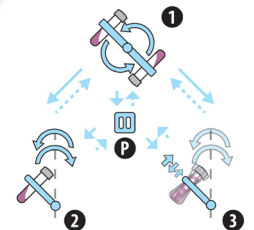
Vertical rotation 360°

PTR-35 and PTR-60 vertical multi-function rotators

2

year warranty

- FLEXIBLE** › 2 models up to 26 or 48 microtubes
- EFFICIENT** › 360°C vertical rotation, reciprocation and vilt for thorough mixing
- ENHANCED** › Fully programmable sequence of functions, including pause
- VERSATILE** › Optional extra platforms to accommodate microplates and tubes up to 50 ml
- SIMPLE** › Easy to set up and operate



Applications


PTR-25

Life-sciences - hybridisation reactions, cell growth, soft extraction, homogenisation of biological components in solution, binding reactions, washing of magnetic particles, preventing blood coagulation

PTR-35 / PTR-60

Life-science laboratories - for hybridization reactions, cell growth, soft extraction and homogenisation of biological components in solutions, as well as for reactions of binding and washing of magnetic particles, cell suspensions, incubations, extraction procedures, gel washing mixing capillary blood samples

Specifications

	PTR-25 1 kg h: 155 mm d: 190 mm w: 325 mm 	PTR-35 1.8 kg h: 155 mm d: 195 mm w: 365 mm 	PTR-60 3.8 kg h: 230 mm d: 230 mm w: 430 mm 
Microtube capacity	22 x Ø15 mm max	26 x Ø15 mm max	48 x Ø15 mm max
Speed	5 to 30 rpm	1 to 100 rpm (increment 1rpm)	
Turning angle reciprocal/vibration mode	-	15° to 90° / 1° to 5°	
Timer / mode types	1 min to 24 hrs (with automatic switch-off)	1 min to 24 hrs (with automatic switch-off) 1 to 250 sec / 360° vertical & reciprocal 1 to 5 sec / vibration 1 to 5 sec / pause	
Maximum load	0.5 kg	0.5 kg	0.8 kg
External power supply	100-240V		
Ambient temperature range	4 to 40°C		

Accessories (full range available on website)

PTR-25

PRSC-18
heavy duty tube adaptor for 18 tubes ø 14-15 mm



PPRS4-12

holds 4 x 50 ml and 12 x 1.5-15 ml



PRS-22

Replacement for 22 ø 16mm tubes 1.5-15ml



PTR-35

PRSC-10
heavy duty adaptor for 10 tubes ø 30 mm tube, volumes up to 50 ml



PRS-5/12

combined platform for 5 tubes up to ø 30 mm and 12 tubes up to ø 15 mm, tube volumes 50 ml/1.5-15 ml



PRSC-22

heavy duty adaptor for 22 tubes ø 15 mm tube, volumes up to 15 ml



PRS-10

for 10 tubes up to ø 30 mm tube, volumes up to 50 ml



PRS-1DP

platform for microplates, deep well plates and racks for tall tubes 0.5 and 1 ml



PTR-60

PRS-8-22
platform for 8 tubes up to ø 30 mm plus 22 tubes up to ø 15 mm tube, volumes up to 50 ml/1.5-15 ml



PRS-14

platform for 14 tubes up to ø 30 mm tube, volumes up to 50 ml



PS-3D fixed tilt 3D platform rotator


2

year warranty

- GENTLE** › Ideal for staining gels without destroying gel edges, or for keeping fragile tissue intact during incubations
- SIMPLE** › Speed adjustment dial
- FLEXIBLE** › Low voltage cord easily fits through door gaskets, for use in incubators, refrigerators and workstations
- CONVENIENT** › Small footprint, quiet, low power consumption

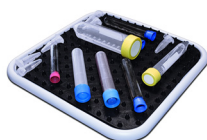


Specifications

	PS-3D 1.2 kg h: 140 mm d: 235 mm w: 235 mm	
Speed	5 to 60 rpm	
Tilt angle	7°	
Maximum continuous operation time	168 hrs	
Platform dimensions (working area)	210 x 210 mm	
Maximum load	0.5 kg	
External power supply	100-240V	
Ambient temperature range	4 to 40°C	

Accessories

PDM
dimpled mat



Applications

Education / research / clinical - mixing blood samples, minigel staining and destaining, washes, blotting, hybridization

PS-M3D multi-function 3D rocker-rotator


2

year warranty

- EFFICIENT** › 3D rotation, reciprocation and vibration functions
3 in 1 product
- ENHANCED** › Fully programmable sequence of all functions
- FLEXIBLE** › Low voltage cord easily fits through door gaskets,
for use in incubators, refrigerators and workstations
- CONVENIENT** › Small footprint, quiet, low power consumption
- RELIABLE** › Stepper motor and sturdy construction

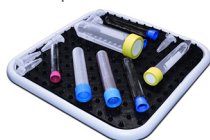


Specifications

	PS-M3D 2 kg h: 140 mm d: 235 mm w: 235 mm	
Speed	1 to 100 rpm	
Angles	7° tilt 0 to 360° (step 30°) turning reciprocation mode 0 to 5° (step 1°) rocking vibration mode	
Timer	0 to 250 sec (orbital and reciprocation mode) 0 to 5 sec (vibration)	
Number of cycle repetitions	0 to 125	
Maximum continuous operation time	24 hrs	
Platform dimensions (working area)	210 x 210 mm	
Maximum load	1 kg	
External power supply	100-240V	
Ambient temperature range	4 - 40°C	

Accessories

PDM
dimpled mat



Applications

Education / clinical / research labs - suitable for mixing applications in many different fields, with specific applications including: immuno precipitations and other affinity matrix applications, treatment of adherent tissue culture in small volumes, e.g. for trypsinisation, gel staining and destaining, antibody staining, washes, hybridisations, Southern blots, Western blots, in situ

Further product information:

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