

Rotators

PTR-25 (VWR 89402-918) vertical mini rotator

2
year warranty

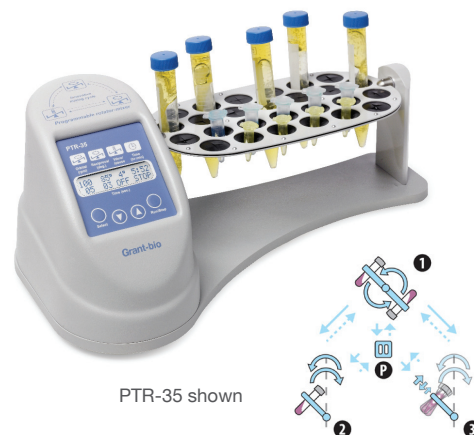
- EFFICIENT** › 360°C vertical rotation
- CONVENIENT** › Timer with audible alarm and automatic switch-off
- VERSATILE** › Optional extra platforms to accommodate microplates and tubes up to 50 ml
- SIMPLE** › Easy to operate, simple controls
- GREAT VALUE** › Economy solution



PTR-35 (VWR 89194-476) and PTR-60 (VWR 80076-370) vertical multi-function rotators

2
year warranty

- FLEXIBLE** › 2 models up to 26 or 48 microtubes
- EFFICIENT** › 360°C vertical rotation, reciprocation and vibration 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 l: 110 mm w: 310 mm h: 175 mm 	PTR-35 1.8 kg l: 155 mm w: 365 mm h: 195 mm 	PTR-60 3.8 kg l: 230 mm w: 420 mm h: 230 mm 
VWR catalog number	89402-918	89194-476	80076-370
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	
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 **VWR 89402-918**

PRSC-18
VWR 89402-944
Heavy duty tube adaptor for 18 tubes ø 14-15 mm.



PPRS4-12
VWR 80076-368
Holds 4 x 50 ml and 12 x 1.5-15 ml.



PTR-35 **VWR 89194-476**

PRSC-10
VWR 89194-480
Heavy duty adaptor for 10 tubes ø 30 mm tube, volumes up to 50 ml.



PRS-5/12
VWR 89194-482
Combined platform for 5 tubes up to ø 30 mm and 12 tubes up to ø15 mm, tube volumes 50 ml/1.5-15 ml.



PRSC-22
VWR 89194-484
Heavy duty adaptor for 22 tubes ø 15 mm tube, volumes up to 15 ml.



PRS-10
VWR 89194-486
For 10 tubes up to ø 30 mm tube, volumes up to 50 ml.



PRS-1DP
VWR 89498-122
Platform for microplates, deep well plates and racks for tall tubes 0.5 and 1 ml.



PTR-60 **VWR 80076-370**

PRS-8-22
VWR 89194-488
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
VWR 80076-374
Platform for 14 tubes up to ø 30 mm tube, volumes up to 50 ml.



PS-3D (VWR 89402-920) 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 l: 150 mm w: 85 mm h: 80 mm	
VWR catalog number	89402-920	
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 / VWR 97025-534
dimpled mat



Applications

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

PS-M3D (VWR 80076-382) 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 l: 170 mm w: 225 mm h: 125 mm	
VWR Catalog number	80076-382	
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	168 hrs	
Platform dimensions (working area)	210 x 210 mm	
Maximum load	1 kg	
External power supply	100-240V	

Accessories

PDM / VWR 97025-534
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



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