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Multi Bio RS-24, Programmable rotator

Premium Product Class

DESCRIPTION

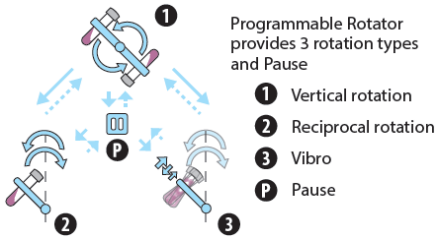
Programmable Rotator **Multi Bio RS-24** performs several motion types in one module. Microprocessor control allows performing not only Vertical rotation (1) of the platform, but also Reciprocal rotation (2) as well as Vibration (3). These three motion types can be performed separately, pairwise and in cycles, periodically repeating the sequence of three motion types. Multi–Rotation option of Biosan instruments substantially expands possibilities and enhances efficiency of sample preparation for the examined materials and allows adjusting the mixing procedure according to the individual tasks.



Programmable Rotator can be used for variety of applications in modern life science laboratories: for hybridization reactions, cell growing, soft extraction and homogenisation of biological components in solutions, as well as for reactions of binding and washing of magnetic particles.

During the stop mode the platform does not perform extra turnover and stops in a horizontal plane. Additionally there is a possibility of setting the plane with respect to which platform oscillates vertically or horizontally.

Programmable Rotator can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C. Low voltage external power supply (12 V) provides electrical safety in humid environment.



Types of interchangeable platforms:
PRS — series platforms are equipped with universal rubber clamps for different size tube fixation;
PRSC — series platforms have metal clamps able to hold heavier solutions (e.g. soil, sand).

CAT. NUMBER

Including PRS-26 platform	Including PRS-26 platform
BS-010117-AAG	230VAC 50/60Hz Euro plug
BS-010117-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010117-MK	IQ OQ document
BS-010117-NK	PQ document

SPECIFICATIONS

Digital time setting	1 min–24 hrs / non–stop (increment 1 min)
Timer sound signal	+
Vertical rotation speed control range	1-100 rpm (increment 1 rpm)
Vertical rotation movement	overhead, 360°
Vertical rotation time setting range	0 - 250 sec
Maximum continuous operation time	168 h
Display	LCD, 16 x 2 signs
Reciprocal rotation speed control range	1–100 rpm (increment 1 rpm)
Reciprocal rotation tilt angle range	1° - 90° (increment 1°)
Reciprocal rotation time setting range	0 - 250 sec
Vibro rotation tilt angle range	0° - 5° (increment 1°)
Vibro rotation Pause / Vibro time setting range	0 - 5 sec
Maximum load	0.5 kg
Overall dimensions (W×D×H)	365x195x155 mm
Weight	1.7 kg
Input current/power consumption	12 V, 660 mA / 8 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

ACCESSORIES



PRS-26
BS-010117-GK
platform

Can accommodate 26 tubes 10-16 mm diameter (1.5-15 ml).



PRS-5/12
BS-010117-HK
platform

5 tubes 20-30 mm diameter (50 ml tubes) and 12 tubes 10-16 mm diameter (1.5-15 ml tubes).



PRS-10
BS-010117-IK
platform

10 tubes 20-30 mm diameter (up to 50 ml tubes).



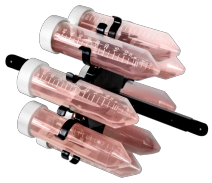
PRSC-22
BS-010117-LK
platform

Can accommodate 22 tubes 16 mm diameter (15 ml).



PRSC-10
BS-010117-JK
platform

10 tubes 25-30 mm diameter (50 ml tubes).



M-8/50
BS-010117-PK
platform

Roller platform, 8 tubes 25-30 mm diameter (50 ml tubes). Application: hybridization reactions.



PRS-1DP
BS-010149-DK
platform

Platform for microplates and racks for tall tubes 0.5 and 1 ml (e.g. Thermo 3741MTX, 3742MTX, 3744MTX).



RP-8/15
BS-010117-DK
roller platform

Roller platform, 8 tubes (15 ml). 5° incline for enhanced mixing homogeneity.



RP-8/50
BS-010117-KK
roller platform

Roller platform, 8 tubes (50 ml). 5° incline for enhanced mixing homogeneity.