

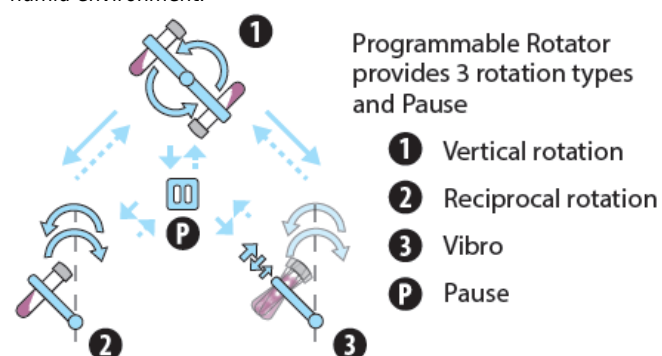
Multi Bio RS-24, Programmable rotator

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.

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.



SPECIFICATION

Vertical rotation speed control range	1-100 rpm (increment 1 rpm)
Vertical rotation movement	overhead, 360°
Vertical rotation time setting range	0 - 250 sec
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

CAT. NR.

	Multi Bio RS-24 incl. PRS-26 & external power supply unit
BS-010117-AAG	230VAC 50/60Hz Euro plug
BS-010117-AAK	230VAC 50/60Hz UK plug
BS-010117-AAK	230VAC 50/60Hz AU plug
BS-010117-AAK	100VAC 50/60Hz US plug
BS-010117-AAK	120VAC 60Hz US plug

BS-010117-GK	Platform PRS-26
BS-010117-HK	Platform PRS-5/12
BS-010117-IK	Platform PRS-10
BS-010117-LK	Platform PRSC-22
BS-010117-JK	Platform PRSC-10

Multi Bio RS-24, Programmable rotator

Digital time setting	1 min-24 hrs / non-stop (increment 1 min)	BS-010149-DK	Platform PRS-1DP
Maximum load	0.5 kg		
Overall dimensions	365x195x155 mm		
Weight	1.8 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

can accommodate 26 tubes up to 15 mm diameter (1.5-15 ml)



PRS-5/12

5 tubes up to 30 mm diameter (50ml tubes) and 12 tubes up to 15 mm diameter (1.5-15ml tubes)



PRS-10

10 tubes up to 30 mm diameter (up to 50ml tubes)



PRSC-22

can accommodate 22 tubes up to 15 mm diameter (up to 15 ml)

Multi Bio RS-24, Programmable rotator



PRSC-10

10 tubes up to 30 mm diameter (up to 50ml tubes)



PRS-1DP

Platform for microplates and racks for tall tubes 0.5 and 1 ml