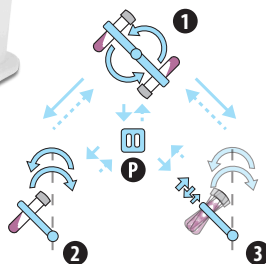




Product video is available on the website



Programmable Rotator provides 3 rotation types and Pause

- 1 Vertical rotation
- 2 Reciprocal rotation
- 3 Vibro
- P Pause

Programmable Rotator **Multi RS-60** performs several motion types in one module. Microprocessor control allows performing not only **1 Vertical rotation** of the platform, but also **2 Reciprocal rotation** as well as **3 Vibration**. 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.

1 Vertical rotation:

| | |
|----------------------------|-----------------------------|
| Speed control range | 1–100 rpm (increment 1 rpm) |
| Vertical rotation movement | overhead, 360° |
| Time setting range | 0–250 sec |

2 Reciprocal rotation:

| | |
|---------------------|-----------------------------|
| Speed control range | 1–100 rpm (increment 1 rpm) |
| Tilt angle range | 1°–90° (increment 1°) |
| Time setting range | 0–250 sec |

3 Vibro rotation:

| | |
|----------------------------------|----------------------|
| Tilt angle range | 0°–5° (increment 1°) |
| Pause / Vibro time setting range | 0–5 sec |

General Specifications:

| | |
|---------------------------------|--|
| Digital time setting | 1 min–24 hrs / non-stop (increment 1 min) |
| Maximum load | 0.8 kg |
| Overall dimensions (W×D×H) | 430×230×230 mm |
| Weight | 3.8 kg |
| Input current/power consumption | 24 V, 750 mA / 18 W |
| External power supply | Input AC 100–240 V 50/60 Hz; Output DC 24 V |

Multi RS-60 with standard platform PRS-48



Catalogue number:

| | |
|---|---------------|
| Multi RS-60 with standard platform PRS-48 | BS-010118-AAI |
| PRS-8/22 | BS-010118-AK |
| PRS-14 | BS-010118-BK |

Description and pictures of all platforms can be found on page 20

Platforms for Multi Bio RS-24

| Platform | Capacity | Tube Volume | Tube Diameter | Catalogue number |
|-----------------------|--|------------------------|--------------------|------------------|
| 1 PRS-26 (standard) | 26 | 1.5–15 ml | 10–16 mm | BS-010117-GK |
| 2 PRS-5/12 (optional) | 5 and 12 | up to 50 and 1.5–15 ml | 20–30 and 10–16 mm | BS-010117-HK |
| 3 PRS-10 (optional) | 10 | up to 50 ml | 20–30 mm | BS-010117-IK |
| 4 PRSC-22 (optional) | 22 | 15 ml | 15–20 mm | BS-010117-LK |
| 5 PRSC-10 (optional) | 10 | 50 ml | 20–30 mm | BS-010117-JK |
| 6 PRS-1DP (optional) | Platform for microplates and racks for tall tubes 0.5 and 1 ml (e.g. Thermo 3741MTX, 3742MTX, 3744MTX) | | | BS-010149-DK |

1 PRS-26



2 PRS-5/12



3 PRS-10



4 PRSC-22



5 PRSC-10



6 PRS-1DP



Clamps on PRSC-10



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).

Platforms for Multi RS-60

| Platform | Capacity | Tube Volume | Tube Diameter | Catalogue number |
|-----------------------|----------|------------------------|--------------------|------------------|
| 1 PRS-48 (standard) | 48 | 1.5–15 ml | 10–16 mm | BS-010118-CK |
| 2 PRS-8/22 (optional) | 8 and 22 | up to 50 and 1.5–15 ml | 20–30 and 10–16 mm | BS-010118-AK |
| 3 PRS-14 (optional) | 14 | up to 50 ml | 20–30 mm | BS-010118-BK |

1 PRS-48



2 PRS-8/22



3 PRS-14

