

### Microplate stackers, automated, BioStack™



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Catalogue No	Alt. No	Description
<b>PJB-400-100A</b>	BIOSTACK2	Fixed wrist, supports 0° integrations, includes 1 instrument integration kit. Stacks sold separately
<b>PJB-400-105N</b>	BIOSTACK2WR	Rotational wrist, supports 90° and 0° integrations, includes 1 instrument integration kit. Stacks sold separately

#### Accessories

Catalogue No	Alt. No	Description
<b>RHM-200-500M</b>	7310010	ELx405™ stacker kit
<b>RHM-200-510J</b>	7310012	µFill™ kit stacker
<b>RHM-200-520G</b>	7310011	Powerwave™ HT/XS stacker kit
<b>RHM-200-530D</b>	7310009	Synergy™ HT stacker kit
<b>RHM-200-540A</b>	7310008	Microplate stacks x 2
<b>RHM-200-560R</b>	7130019	Synergy 2™, M x, 4 integration kit
<b>RHM-200-570X</b>	7110004	Precision™ integration kit
<b>RHM-200-580L</b>	7150001	NanoQuot™ integration kit
<b>PJB-630-513Q</b>	7310020	MicroFlo™ select integration kit
<b>PJB-400-210M</b>	7310027	EL406™ integration kit
<b>PJB-400-205L</b>	7310017	Barcode scanner kit
<b>PJB-400-200P</b>	7310023	Set of 50 microplate storage racks, includes 2 stacks



### Mixers, vortex, small, MS 3 basic and MS 3 digital



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- Wide range of attachments
- Attachment detection
- Continuous or touch operation (with standard attachment)
- 100% ON time permissible
- Stable at all speeds
- Sturdy zinc die cast casing
- MS 3 digital with additional timer and countdown function
- Orbital shaking movement
- Two operating modes:
  - Mode A** (safe mode with attachment detection)  
The maximum speed of 3,000rpm is only reached with the standard attachment in touch mode.  
When using other attachments the speed is limited to 1,300rpm
  - Mode B** (without attachment detection)  
A speed of 3,000rpm is possible with all attachments

Compact, universal, small shaker suitable for shaking tasks with all small vessels and microtitre plates.

The MS 3 basic is supplied with the following attachments: **MPR-556-500A**, **MPR-556-505N**, **MPR-556-515K**

The MS 3 digital is supplied with the same attachments PLUS: **MPR-556-510U** and **MPR-555-510D**

#### Technical Specification - Specific

	MS3 basic	MS3 digital
Timer	No	Yes
Control/ operation	Continuous/touch operation	Timer and continuous mode operation

Catalogue No	Description
<b>MPR-555-050L</b>	MS 3 basic
<b>MPR-555-060Y</b>	MS 3 digital

#### Accessories and spares

Catalogue No	Description
<b>MPR-556-500A</b>	MS 3.1 Standard attachment for test tubes and small vessels up to 50mm dia.
<b>MPR-556-505N</b>	MS 3.3 Universal attachment for various foam inserts
<b>MPR-556-510U</b>	MS 3.4 Microtitre attachment for a microtitre plate
<b>MPR-556-515K</b>	MS 1.21 One-hand insert for inserting into universal attachment

Please contact Fisher Scientific to discuss your EU compatible product requirements.



#### Technical Specification - General

Type of movement	Orbital
Orbit diameter, mm	4.5
Capacity, kg	0.5 (max with attachment)
Motor rating, input output, W	10 / 8
Speed range, rpm	0 to 3,000 (infinitely adjustable)
Display type	Scale
Time	1s to 999min
Dimensions [w x d x h], mm	148 x 205 x 63
Mass, kg	2.9
Protection class	IP 21 (according to DIN EN 60529)