



LABORATORY  
EQUIPMENT

# stirrers

2021

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# SHAKERS

Mixing shakers for “micro plates”



Ideal for 4 micro-plates



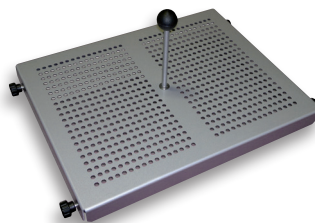
Digital speed control



F320

| Technical data            |        | F320                   |
|---------------------------|--------|------------------------|
| Orbit diameter            | mm     | 3                      |
| Variable speed            | rpm    | 300÷1600               |
| Capacity                  |        | 4                      |
| Number of plate positions |        | 96                     |
| Test tubes of 1,5 ml      |        | 99:59                  |
| Timer                     | hh:min | 25                     |
| Power                     | W      | 290x330x141            |
| Dimensions LxWxH          | mm     | 6                      |
| Weight                    | kg     | 603.0130.50            |
| Code                      |        |                        |
| V/Hz 220/240-50/60        |        | SAFETY CLASS 0         |
|                           |        | PROTECTION CLASS IP 30 |

## ACCESSORIES



Supporting plate without fixing clips

| LxP 280x220 mm |             |
|----------------|-------------|
| Code           | 603.0131.80 |

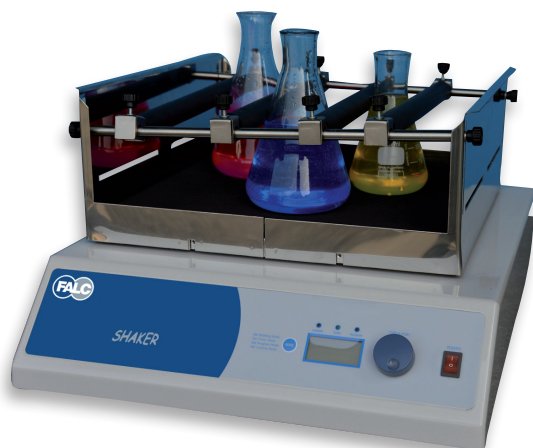


Fixing clips

| Capacity ml | Code        |
|-------------|-------------|
| 100         | 603.0131.75 |
| 250         | 603.0131.76 |
| 500/1000    | 603.0131.77 |
| 2000        | 603.0131.78 |

# SHAKERS

## Reciprocating and orbital shakers



**F340**  
**F350**  
**F355**  
**F365**



The movement is provided by a motor inductance (therefore maintenance-free), very quiet



The mail application allows you to maintain a constant speed set even with loads of different weight



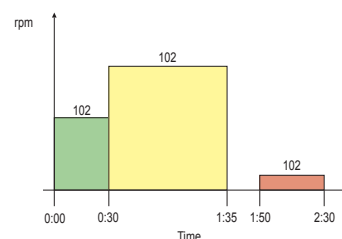
LCD display allows an excellent view and a speedy consultation



Programming options: you can store the instrument up to 6 programs with 10 steps each

### SAMPLE PROGRAM

| step | rpm | time  |
|------|-----|-------|
| 0    | 102 | 00:30 |
| 1    | 178 | 01:05 |
| 2    | 0   | 00:15 |
| 3    | 20  | 00:40 |



\*Universal support is not included with instrument

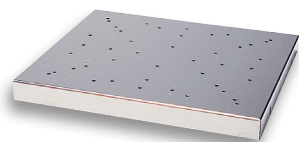
| Technical data   |        | F340              | F350              | F355              | F365              |
|------------------|--------|-------------------|-------------------|-------------------|-------------------|
| Movement         |        | reciprocating     | orbital           | reciprocating     | orbital           |
| Plate            | mm     | 350x350           | 350x350           | 350x350           | 350x350           |
| Orbit diameter   | mm     | 10                | 10                | 25                | 25                |
| Programs         | n/step | 6/10              | 6/10              | 6/10              | 6/10              |
| Variable speed   | rpm    | 10-300            | 10-300            | 10-300            | 10-300            |
| Digital timer    | hh:min | 00:00 (∞) - 99:59 | 00:00 (∞) - 99:59 | 00:00 (∞) - 99:59 | 00:00 (∞) - 99:59 |
| Maximum load     | kg     | 10                | 10                | 10                | 10                |
| Dimensions LxWxH | mm     | 410x490x140       | 410x490x140       | 410x490x140       | 410x490x140       |
| Weight           | kg     | 20,5              | 20,5              | 20,5              | 20,5              |
| Code             |        | 603.0130.35       | 603.0130.30       | 603.0130.25       | 603.0130.20       |

V/Hz 220/240-50/60

SAFETY CLASS 0

PROTECTION CLASS IP 30

## ACCESSORIES



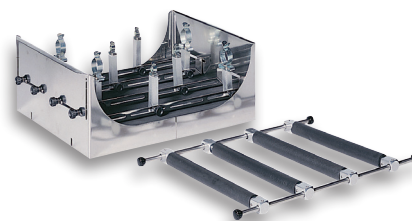
Supporting plate without fixing clips

| Capacity ml | LxP 340x290 places n° | LXP 600x310 places n° |
|-------------|-----------------------|-----------------------|
| 100         | 20                    | 36                    |
| 250         | 12                    | 21                    |
| 500         | 6                     | 15                    |
| 1000        | 4                     | 8                     |
| 2000        | 2                     | 5                     |
| Code        | 603.0131.01           | 603.0131.02           |



Fixing clips

| Capacity ml | Code        |
|-------------|-------------|
| 100         | 603.0131.75 |
| 250         | 603.0131.76 |
| 500/1000    | 603.0131.77 |
| 2000        | 603.0131.78 |



Universal support for containers

| N. places | Funnels of ml |
|-----------|---------------|
| 4         | 250           |
| 3         | 500           |
| 2         | 1000          |
| Code      | 603.0131.00   |

Dimensions 340x290x110

The bars are adjustable in height and total length



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