

# MAGNETIC STIRRERS

Fapa s.a.s.  
Via Pascoletto, 20  
24040 Lallio (BG)  
Tel. 035.6221219  
Fax. 035.4372675  
fapa@fapa.bg.it  
www.fapa.bg.it



## MAGNETIC STIRRERS

Specially designed for chemical, biotechnological, pharmaceutical, microbiological and medical applications such as growing microorganisms, dissolving nutrients and solids and preventing suspended matter from settling during titration. VELP Scientifica's magnetic stirrers offer solutions for diversified laboratory applications and the **highest safety standards** available on the market, with sample volumes ranging from 250 ml to 25 liters.

### MST

The **MST** magnetic stirrer with ABS structure is a **small, simple** and **efficient** stirrer. Extremely useful where a small but **reliable** instrument is needed, the white surface makes it particularly suitable for microtitrations. The MST magnetic stirrer **remains cold** even after several days of continuous use, a feature that is highly appreciated in microbiology and biochemistry.

Electronic speed regulation: up to 1100 rpm  
Stirring volume (H<sub>2</sub>O): up to 5 L

UK and AU adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
MST	100÷240 V / 50-60 Hz	F203A0160



### MICROSTIRRER

The **MICROSTIRRER** is a magnetic stirrer with epoxy painted metal structure that ensures a **high resistance** to chemical agents. A **small, simple** and **efficient** stirrer specially designed for microtitrations. The MICROSTIRRER **remains cold** even after several days of continuous use, a feature that is highly appreciated in microbiology and biochemistry.

Electronic speed regulation: up to 1100 rpm  
Stirring volume (H<sub>2</sub>O): up to 5 L

UK and AU adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
MICROSTIRRER	100÷240 V / 50-60 Hz	F203A0161



### ESP

The **ESP** is an **ultraflat** magnetic stirrer with no moving mechanical components, it is therefore **maintenance-free**. The stirring system consists of coils that induce a rotating magnetic field. A gentle start-up ensures optimum progression of the stirring speed whilst its **modern, ergonomic structure** is made of materials that ensure a **high resistance** to chemical reagents.

Electronic speed regulation: up to 1100 rpm  
Stirring volume (H<sub>2</sub>O): up to 5 L

UK and AU adapter adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
ESP	100÷240 V / 50-60 Hz	F206A0179



## MULTISTIRRER 6

The **MULTISTIRRER 6** is a 6-place magnetic stirrer for beakers with a maximum diameter of 85 mm. The MULTISTIRRER 6 **remains cold** even after several days of continuous operation, a feature that is highly appreciated in microbiology and biochemistry. It is possible to thermostat the samples using a recirculating water bath.

Electronic speed regulation: from 50 to 850 rpm  
 Stirring volume (H<sub>2</sub>O): up to 400 ml per position  
 Distance between stirring position centres: 100 mm

UK and AU adapter adapter plugs are available on request.

## MULTISTIRRER 15

The **MULTISTIRRER 15** is a 15-place magnetic stirrer for beakers with a maximum diameter of 64 mm. The MULTISTIRRER 15 **remains cold** even after several days of continuous operation, a feature that is highly appreciated in microbiology and biochemistry. It is possible to thermostat the samples using a recirculating water bath.

Electronic speed regulation: from 50 to 850 rpm  
 Stirring volume (H<sub>2</sub>O): up to 250 ml per position  
 Distance between stirring position centres: 74 mm

UK and AU adapter adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
------------	--------------	---------

MULTISTIRRER 6	100÷240 V / 50-60 Hz	F203A0177
----------------	----------------------	-----------



INSTRUMENT	POWER SUPPLY	CODE No
------------	--------------	---------

MULTISTIRRER 15	100÷240 V / 50-60 Hz	F203A0178
-----------------	----------------------	-----------



## AGE AND ATE

**AGE** and **ATE** are **highly resistant** magnetic stirrers with epoxy painted metal structure.

Electronic speed regulation: up to 1200 rpm  
 Stirring volume (H<sub>2</sub>O): up to 8 L

INSTRUMENT	POWER SUPPLY	CODE No
------------	--------------	---------

AGE	230 V / 50 Hz	F20320164
AGE	230 V / 60 Hz	F20330164
AGE	115 V / 60 Hz	F20340164



Electronic speed regulation: up to 1200 rpm  
 Stirring volume (H<sub>2</sub>O): up to 25 L

INSTRUMENT	POWER SUPPLY	CODE No
------------	--------------	---------

ATE	230 V / 50-60 Hz	F20300165
ATE	115 V / 50-60 Hz	F20310165



## AMI

The **AMI** is an **illuminated** single-position magnetic stirrer particularly useful for titrations where **optimum lighting conditions** are needed in order to identify the colorimetric end point. It is especially recommended for titrations that have slight color changes.

Electronic speed regulation: up to 1100 rpm  
Stirring volume (H<sub>2</sub>O): up to 5 L

UK and AU adapter adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
AMI	100÷240 V / 50-60 Hz	F204A0167

## AMI 4

The **AMI 4** is an **illuminated** magnetic stirrer with 4 separately controlled positions. It is particularly useful for titrations where **optimum lighting conditions** are needed in order to identify the colorimetric end point. It is especially recommended for titrations that have slight color changes.

Electronic speed regulation: up to 1100 rpm  
Stirring volume (H<sub>2</sub>O): up to 5 L per position  
Distance between stirring position centres: 150 mm

UK and AU adapter adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
AMI 4	100÷240 V / 50-60 Hz	F204A0168



	STIRRING SPEED rpm	STIRRING VOLUME L	DIMENSIONS (WxHxD) mm (in)	WEIGHT Kg (lb)	POWER SUPPLY	POWER
<b>MST</b>	up to 1100	up to 5	130x50x150 (5.1x2.0x5.9)	0.4 (0.9)	100÷240 V	0.6 W
<b>MICROSTIRRER</b>	up to 1100	up to 5	120x48x128 (4.7x1.9x5.0)	0.55 (1.1)	100÷240 V	0.6 W
<b>ESP</b>	up to 1100	up to 5	160x33x230 (6.3x1.3x9.0)	0.9 (2.0)	100÷240 V	5 W
<b>AGE</b>	up to 1200	up to 8	171x75x190 (6.7x2.9x7.5)	1.8 (4.0)	115 or 230 V	40 W
<b>ATE</b>	up to 1200	up to 25	250x120x285 (9.8x4.7x11.2)	3.7 (8.1)	115 or 230 V	15 W
<b>MULTISTIRRER 6</b>	from 50 to 850	up to 0.4 (x 6 pos.)	230x51.5x370 (9.0x2.0x14.5)	1.75 (3.8)	100÷240 V	3.6 W
<b>MULTISTIRRER 15</b>	from 50 to 850	up to 0.25 (x 15 pos.)	230x51.5x370 (9.0x2.0x14.5)	2.1 (4.6)	100÷240 V	9 W
<b>AMI</b>	up to 1100	up to 5	150x55x270 (5.9x2.2x10.6)	1.2 (2.6)	100÷240 V	1.2 W
<b>AMI 4</b>	up to 1100	up to 5 (x 4 pos.)	600x55x270 (23.6x2.2x10.6)	4 (8.8)	100÷240 V	4.8 W

### MST, MICROSTIRRER, ESP, AGE, ATE, MULTISTIRRER 6, MULTISTIRRER 15, AMI, AMI 4 ACCESSORIES

INTERCHANGEABLE PLUGS	CODE No
UK plug	10003084 *
Australian plug	10003085 *

\* for MST, MICROSTIRRER, MULTISTIRRER 6, MULTISTIRRER 15, AMI, AMI 4 and ESP

OPTIONAL ACCESSORIES	CODE No
Magnetic stirring bar, 6x20 mm	A00001057 *
Magnetic stirring bar, 6x35 mm	A00001056 **
Magnetic stirring bar, 9.5x60 mm	A00001061 ***
Magnetic stirring bar, 10x40 mm	A00001060 ****
Thermostatic bath for samples, 408x240x85 mm	A00001055 *****

\* for MST, MICROSTIRRER, AGE, MULTISTIRRER 15, AMI and AMI 4

\*\* for MST, MICROSTIRRER, AGE, ATE, MULTISTIRRER 6, MULTISTIRRER 15, AMI and AMI 4

\*\*\* ATE only

\*\*\*\* ESP only

\*\*\*\*\* for MULTISTIRRER 6 and MULTISTIRRER 15



**Fapa s.a.s.**  
Via Pascoletto, 20  
24040 Lallio (BG)  
Tel. 035.6221219  
Fax. 035.4372675  
fapa@fapa.bg.it  
www.fapa.bg.it