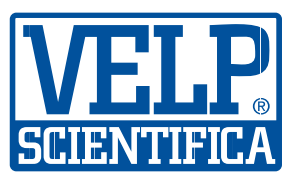




Lab Solutions



Stirring Line





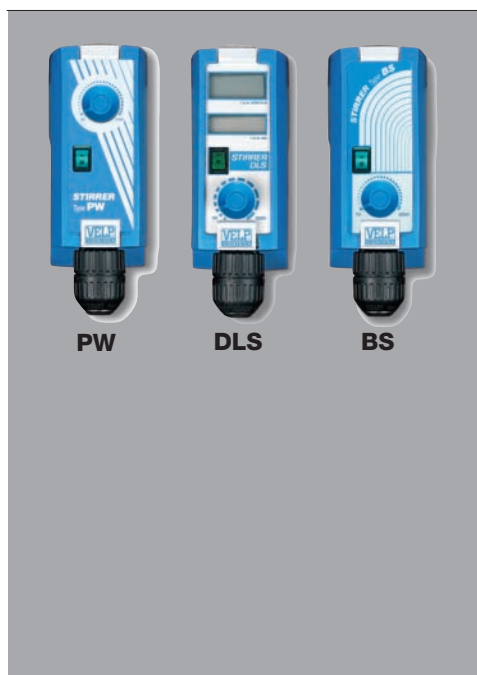
Lab Solutions

The continuously evolving scientific world requires ever more strict controls be performed by reliable equipment to ensure accurate and precise experimental conditions. VELP Scientifica is dedicated to meet those requirements, starting with the basic equipment essential for analytical work.

Velp's stirring equipment is manufactured according to international design and safety standards to protect you and the environment. The best components available, together with innovative manufacturing techniques, allow us to offer reliable, simple-to-use equipment.

Stiring Line

Electronic Overhead Stirrers



Velp Scientifica's stirrers are manufactured using advanced techniques that comply with international standards. High torque, microprocessor control, electronic safety circuitry, and slow start speed allow highly viscous liquids to be stirred in complete safety. Few models equipped with Digital display.

Velp's stirrers include an innovative, hand-tight chuck with safety closure. Stirrers are available with 35 W, 60 W and 120 W motors. DLS, LH, and DLH models offer an automatic speed compensation for changing solution viscosity thus increasing the motor durability.

- Silent operation
- Safety
- Sturdy
- Microprocessor-controlled
- Modern design
- Light weight
- Digital displays



Shafts
Wide range of shafts are available for various application.



LH

DLH

ES

The newest heating magnetic stirrers family!
 AREC family models have a white ceramic heating plate that is highly resistant to corrosion, excellent for observing changes of color (e.g. titrations, etc.) and is extremely easy to clean.



AREC.T



AREC.X



AREC



REC

HEATING PLATES
 Ceramic heating plate (REC), extremely fast to reach up to 540°C
 Single position (RC) and two positions (RC2) with heating plate made by aluminum alloy coated with a protection for excellent chemical resistance

Heating Magnetic Stirrers

The range of heating magnetic stirrers from a single to multi-position version, are the best choice for simultaneously heating and stirring your reactions and samples. Velp heating magnetic stirrers offers modern design with a range of plate sizes to suit your individual requirements. Velp Models ARE, AREX and AREC family come with the highest safety standards available.

Models:

- Standard stirrer for every lab (ARE)
- Soft start stirring motor and connection to digital thermoregulator (AREX, AREC.X)
- Individually controlled multi-position (AM4)
- Timer regulation with automatic shut down (T.ARE, AREC.T)
- Large heating plates and high stirring capacity (AREX)
- Bright digital display (AREC)
- Highest safety standards available



VTF

Digital Thermoregulator Vertex Type VTF "FUZZY LOGIC" Technology

Features and Benefits:

- Highly automated
- Temperature measuring range -10° to +300°C
- Precision ± 0,5°C
- Unique timer function
- Automatic shut down of the thermoregulation
- Velp system: everything in only one piece.
- No need of clamps!
- Friendly probe positioning



AREX



ARE



RC



AM4



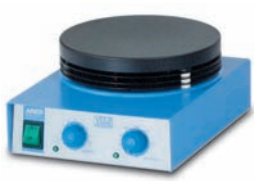
RC2

MULTI-POSITION MODEL

- 4 positions individually controlled
- Temperature range from room temperature to 370°C



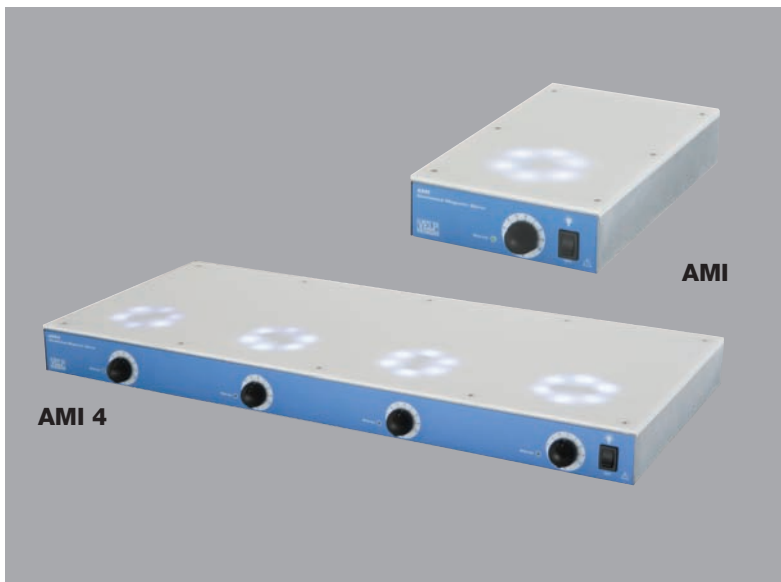
T.ARE



ARED

- 900 W Heating power (AREX)
- Programmable timer function (T.ARE)
- Excellent stirring results with volumes up to 25 liters (H₂O)

Lighted Magnetic Stirrers



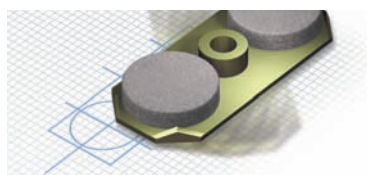
Lighted magnetic stirrers
Available in single-position (AMI) or four positions (AMI4), the units have separate speed controls. Suitable for solutions that have weak colour changes during titration

Ultraflat magnetic stirrer
The ultraflat magnetic stirrer is motorless: no moving mechanical components, no maintenance is required!



ESP

Magnetic Stirrer "without motor"



PCM MAGNET (COMPOSITE MAGNET)

Features and Benefits:

- Concentrates the energy of magnetic flux
- Produces a strong attraction without vibrations



Magnetic Stirrers

- Small magnetic stirrers that stays cold after several days of working (MST, MICROSTIRRER)
- Multi-position magnetic stirrers with 6 and 15 positions (MULTISTIRRER 6, MULTISTIRRER 15) for a simultaneous stirring of the samples
- High performance magnetic stirrer for volumes up to 25 liters (ATE)
- Magnetic stirrer suitable for common laboratory stirring requirements (AGE)



ATE



AGE



MICROSTIRRER

MST

Magnetic Stirrers



MULTISTIRRER 6



MULTISTIRRER 15

Vortex Evolution....looking at the future!

Vortex Wizard

The Vortex Wizard represents a radical technological innovation in the evolutionary process of Vortex mixers. Its optic technology provides an innovative operational mode that is absolutely unique on the market. In fact, the infrared system (IR) detects the presence of the test tube and automatically activates vibration.

Provided with a dual operating mode, the possibility of changing the frequency of vibration is offered:

- SENSOR - an infrared system (IR) automatically activates vibration so the laboratory technician does not have to apply any pressure!
- CONTINUOUS – continuous operating mode combined with a large number of accessories. Vortex Wizard comes complete with a standard cup for single test tube.



SENSOR
Infra red motion detector (IR) for "no-touch" mode greatly reduces work load on lab technician. No need to apply pressure



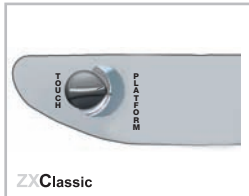
WIZARD AWARD DESIGN 2007

WIZARD

WIZARD & CLASSIC Features and Benefits:

- Enhanced bench top stability resulted from a low profile design
- Wide range of accessories for various applications
- Microprocessor control of ramping speed (from 50 to 3000 rpm)
- Water and chemical resistant key-pad
- Can be used in incubators and cold rooms
- Orbital diameter 4,5 mm

(TOUCH - PLATFORM)
Classic also has a special lever that, when properly positioned, ensures maximum stability of the instrument depending on the operation mode selected.



ZXClassic



CLASSIC

Accessories

- A0000016**
- A0000017**
- A0000019**
- A0000014**
- A0000012**
- A0000013**
- A0000015**

Vortex Classic

It is equipped with two operation modes, with the possibility to change the vibration frequency:

- TOUCH - the automatic "Touch" mode starts the shaking with a light amount of pressure applied by the test tube on the mixing cup.
- CONTINUOUS - continuous operation mode that, when combined with the use of a wide range of accessories (optional), make the instrument suited to a large variety of needs.

Velp Solution for general purposes!



ZX3

RX3

A00001048

A00001050

A00001047

Vortex Mixers

Two versions of vortex mixers are available:
ZX3 - Variable speed control with continuous and manual modes
RX3 - Constant vibration speed with manual mode

Homogenizer



OV5

OV5

Homogenizer is the right solution for dispersing, homogenizing and mixing biological tissue samples (cells, animal, and vegetal tissues), pharmaceutical products, cosmetics and food products.

Model	Code No 230V		Code No 115V		Power W	Speed rpm	Temp. °C max	Heating plate Ø mm	Stirring capacity (liter H ₂ O)	Weight kg	Dimensions mm (WxHxD)	Accessories	
	50 Hz	60 Hz	50 Hz	60 Hz									
ARE	F20520162	F20530162	-	-	F20540162	630	10-1200	370	155	15	2,9	165x115x280	5,7,11,12,13,14
AREX	F20500163		-	-	F20540163	650	10-1300	370	155	20	2,9	165x115x280	5,7,12,13,14,35,36
ARED	F20520169	F20530169	-	-	F20540169	900	10-1200	370	180	20	3,1	190x110x245	5,7,11,12,13,14
T. ARE	F20520170	F20530170	-	-	F20540170	900	10-1200	370	180	25	3,1	190x110x245	5,7,11,12,13,14
AM4	F20520166	F20530166	-	-	-	2550	10-1200	370	155	5 (x4)	8,3	715x115x220	5,7,11,12,13,14
AREC	F20500010		-	-	F20510010	800	10-1300	540	200x200	15	3,9	205x96x335	5,7,8,11,12,13,14
AREC.X	F20500060		-	-	F20510060	800	10-1300	540	200x200	15	3,9	205x96x335	5,7,8,12,13,14,35,36
AREC.T	F20500050		-	-	F202510050	800	10-1300	540	200x200	15	3,9	205x96x335	5,7,8,11,12,13,14
VTF	F208B0063*		-	-	F208B0063*	-	-	-	-	-	0,3	75x145x120	9,10,26,27
ESP	F206A0179		-	-	F206A0179	5	50-1100	-	-	5	0,9	160x33x230	8,37,38,39
MST	F203A0160		-	-	F203A0160	0,6	10-1100	-	-	5	0,4	130x50x150	5,6,37,38,39
Microstirrer	F203A0161		-	-	F203A0161	0,6	10-1100	-	-	5	0,55	120x48x128	5,6,37,38,39
AGE	F20320164	F20330164	-	-	F20340164	40	10-1200	-	-	8	1,8	171x75x190	5,6
ATE	F20300165		-	-	F20310165	1,5	10-1100	-	-	25	3,7	250x120x285	5,7
Multistirrer 6	F203A0177		-	-	F203A0177	3,6	50-850	-	-	0,4 (x6)	1,75	230x51x370	4,5,6,37,38,39
Multistirrer 15	F203A0178		-	-	F203A0178	9	50-850	-	-	0,25 (x15)	2,1	230x51x370	4,5,6,37,38,39
AMI	F204A0167		-	-	F204A0167	1,2	10-1100	-	-	5	1,2	150x55x270	5,6
AMI4	F204A0168		-	-	F204A0168	4,8	10-1100	-	-	5 (x4)	4	600x55x270	5,6
ES	F20100152		-	-	F20110152	35	50-1300	-	-	15	1,7	80x160x200	15,16,17,18,19,20,21,22,23,24,25
BS	F20100151		-	-	F20110151	60	50-2000	-	-	25	2,8	80x215x196	15,16,17,18,19,20,21,22,23,24,25
DLS	F20100155		-	-	F20110155	60	50-2000	-	-	25	3	80x215x196	15,16,17,18,19,20,21,22,23,24,25
LH	F20100156		-	-	F20110156	120	50-2000	-	-	40	3,4	80x230x196	15,16,17,18,19,20,21,22,23,24,25
DLH	F20100157		-	-	F20110157	120	50-2000	-	-	40	3,5	80x230x196	15,16,17,18,19,20,21,22,23,24,25
PW	F20100150		-	-	F20110150	120	20-1200	-	-	70	3,4	80x230x196	15,16,17,18,19,20,21,22,23,24,25
RC	F20700174		-	-	F20710174	600	-	370	155	-	1,7	165x115x280	12,13,14
RC2	F20700172		-	-	F20710172	1200	-	370	155	-	3,3	340x90x190	12,13,14
REC	F20700080		-	-	F20710080	800	-	540	200x200	-	3,15	205x96x335	12,13,14
RX3	F20220171	F20230171	-	-	F20240171	45	2400	-	-	-	2	150x134x150	3
ZX3	F20220176	F20230176	-	-	F20240176	45	50-2400	-	-	-	2	150x134x150	1,2,3
CLASSIC	F202A0173		-	-	F202A0173	15	0-3000	-	-	-	2,4	180x70x220	28,29,30,31,32,33,34,37,38,39
WIZARD	F202A0175		-	-	F202A0175	15	0-3000	-	-	-	2,4	180x70x220	28,29,30,31,32,34,37,38,39
OV5	R20900010	-	-	-	-	500	10000-30000	-	-	8	1,3	70x225x70	40,41,42,43

* Voltage 12V cc



Explore Velp world
www.velp.com

Number	Description	Code No	Number	Description	Code No
1	Stand for microtiter	A00001047	23	Stirring shaft with turbine	A00001309
2	Stand for 25 microvials 1,5 ml-Eppendorf type	A00001048	24	Stirring shaft with turbo propeller	A00001310
3	Supporting plate Ø 90 mm	A00001050	25	Stirring shaft with anchor	A00001311
4	Thermostatic bath for samples, 408x240x85 mm	A00001055	26	Clamp for the probe	A00000004
5	Magnetic stir bar, 6x35 mm	A00001056	27	Glass probe	A00000003
6	Magnetic stir bar, 6x20 mm	A00001057	28	Foam stand for 19 vials 1.5 ml-eppendorf®	A00000012
7	Magnetic stir bar, 9,5x60 mm	A00001061	29	Customizable soft foam top	A00000013
8	Magnetic stir bar, 10x40 mm	A00001060	30	Foam stand 5 test tubes Ø 16 mm	A00000014
9	Derivation element PW10	A00000001	31	Foam stand for microtiter	A00000015
10	Probe extension cable, lenght 1 m	A00000002	32	Small rubber supporting plate Ø 50 mm	A00000016
11	Support rod	A00001069	33	Big foam supporting plate Ø 94 mm	A00000017
12	Hemispheric bowl for 250 ml flasks	A00001071	34	Foam stand for n° 4 test-tubes Ø 29 mm	A00000019
13	Hemispheric bowl for 500 ml flasks	A00001072	35	Spiral electric cable complete of plug	40000781
14	Hemispheric bowl for 1000 ml flasks	A00001073	36	Digital thermoregulator Vertex type VTF	F208B0063
15	Support rod and base	A00001300	37	USA plug for power supply 40001099	10003083
16	Double clamp	A00001301	38	UK plug for power supply 40001099	10003084
17	Ribbon clamp	A00001302	39	AU plug for power supply 40001099	10003085
18	Stirring shaft with floating blade	A00001304	40	H-stand with strap clamp, bosshead clamp	A00000045
19	Stirring shaft with folding blade	A00001305	41	Support rod and base	A00001300
20	Stirring shaft with fixed blade	A00001306	42	Double clamp	A00001301
21	Stirring shaft with propeller	A00001307	43	Strap clamp	A00000044
22	Stirring shaft with paddle, 6 holes	A00001308			

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