

Stirring line Authorized Distributor www.clarksonlab.com

Innovative
Laboratory
Equipment
Solutions

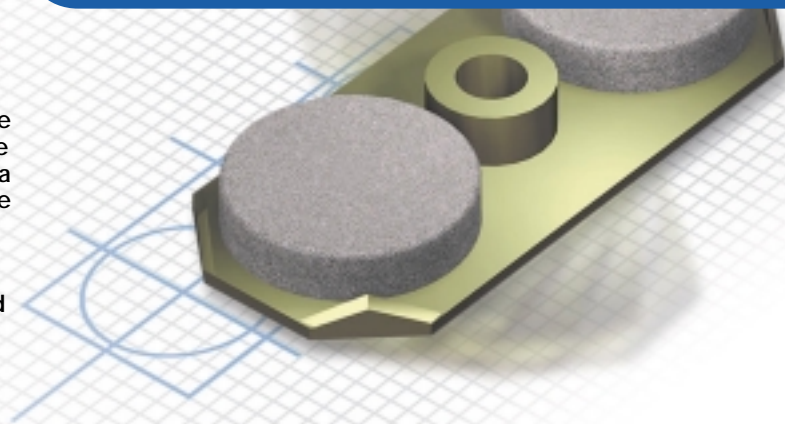


NEUTECH
GROUP INC

Stirring Line

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 meeting 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.



PCM MAGNET (PATENTED COMPOSITE MAGNET)

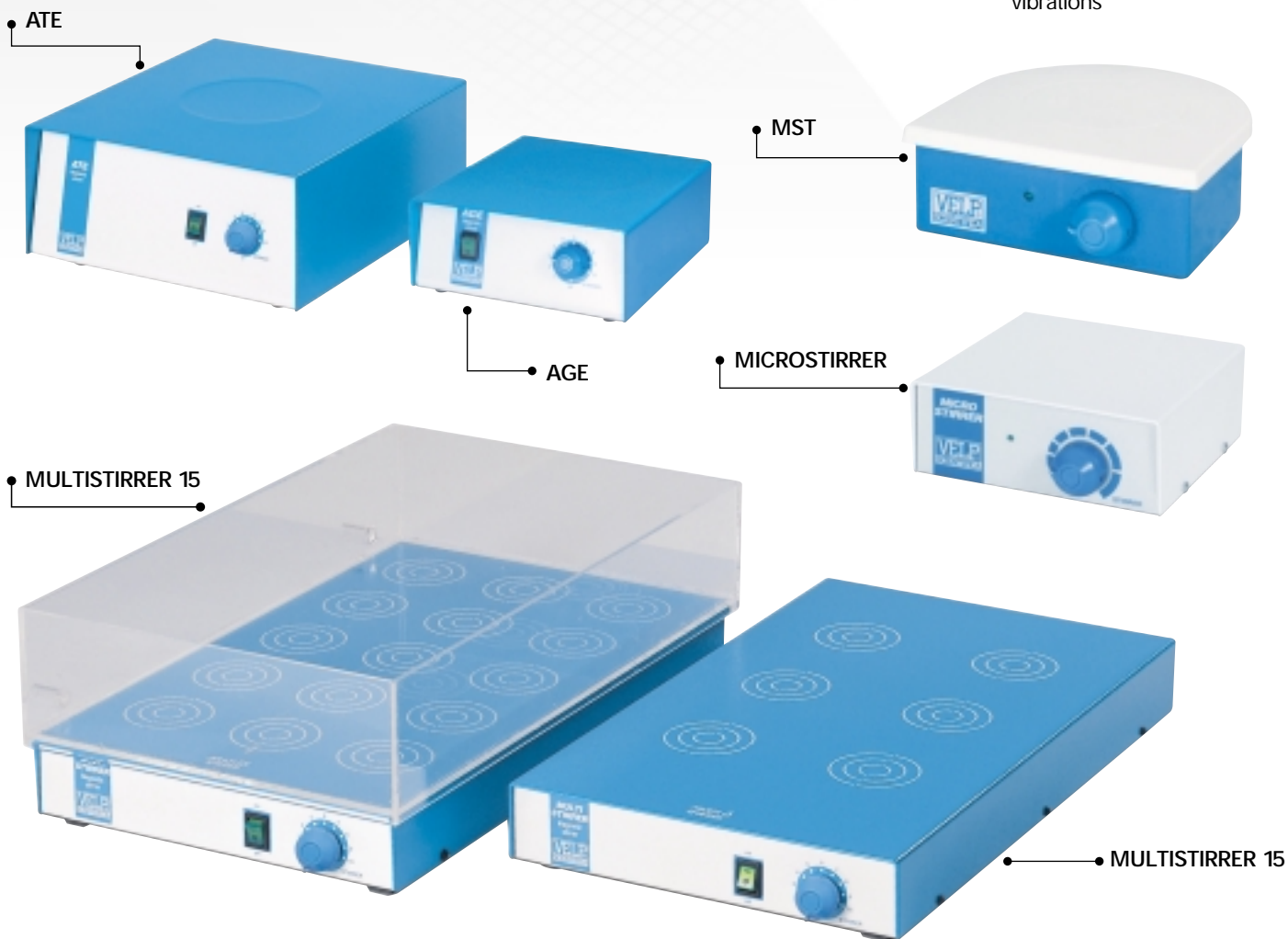
Features and Benefits:

Magnet configuration:

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

Magnetic stirrers

We offer a selection of models for low, medium, and large volumes. MST and MICROSTIRRER models are designed specifically for microtitration stirring in low volumes. AGE and ATE models are for medium and large volumes. MULTISTIRRER 6 and 15 models are able to stir large number of samples at the same time and with the same conditions .

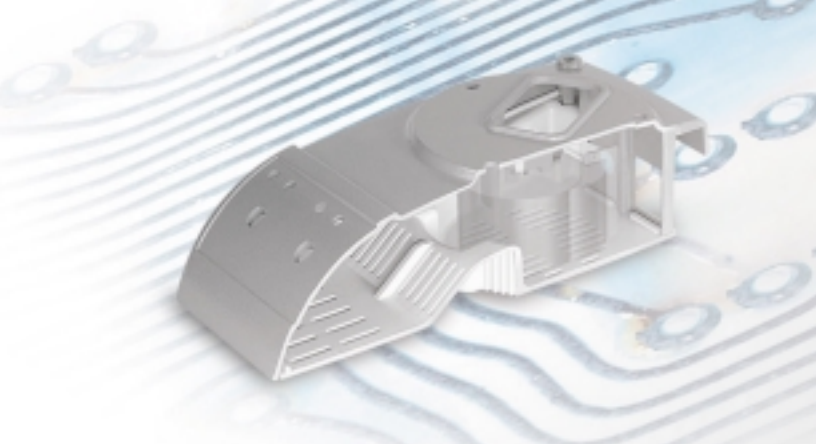


Heating magnetic stirrers

A wide range of single and multiposition models with various controls and stirring volumes.

Availability:

- Thermoregulation with connection of digital thermometer (AREX)
- Individually controlled multiposition (AM4)
- Timer regulation with automatic shut down (T.ARE)
- Large diameter heating plates and high stirring capacity (ARED)
- Electronic controlled speed stirring
- High electrical protection degree



- The housing of the unit is made of higher chemical resistant epoxy resin coated aluminum to ensure safety and ease of cleaning and maintenance
- An advanced electronic system controls the operating functions

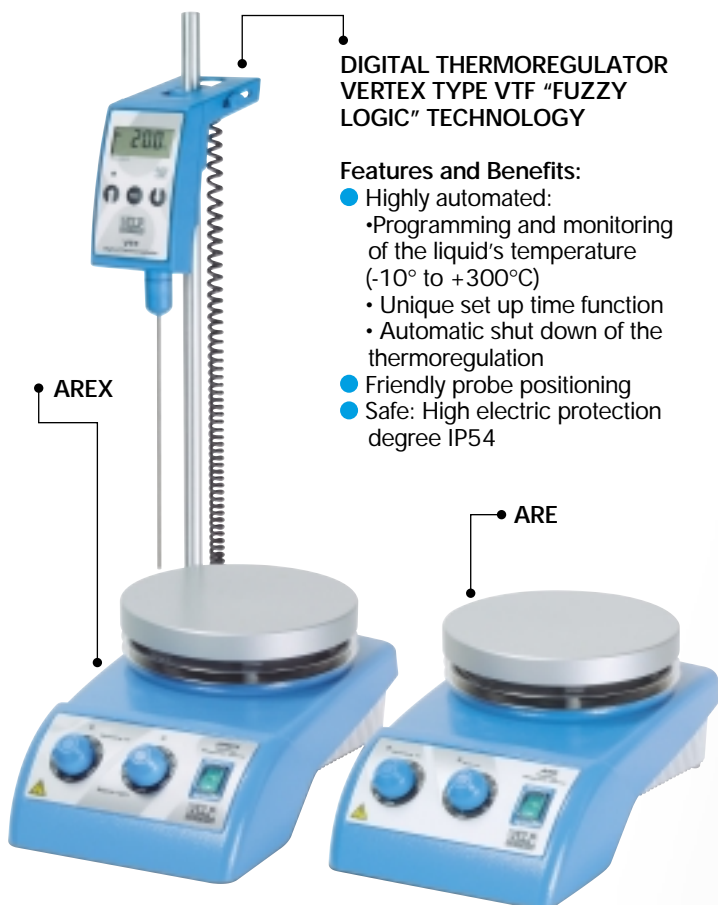
THERMAL STABILITY AND EFFICIENT HEATING PLATES

- 750 and 1000W
- Heating plate manufactured from aluminium, allowing:
 - optimum control also at low temperatures
 - uniformity of heating
 - very stable temperatures
- High durability with coating protection, allowing:
 - efficient heat transmission
 - high resistance to chemical attack

DIGITAL THERMOREGULATOR VERTEX TYPE VTF "FUZZY LOGIC" TECHNOLOGY

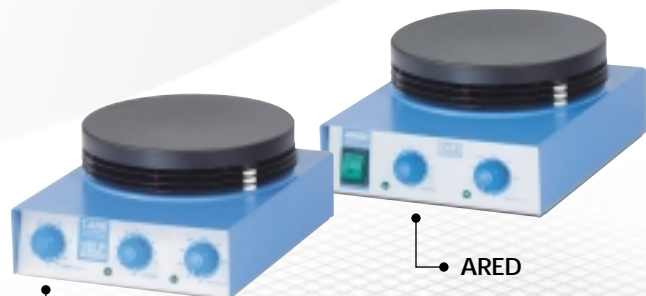
Features and Benefits:

- Highly automated:
 - Programming and monitoring of the liquid's temperature (-10° to +300°C)
 - Unique set up time function
 - Automatic shut down of the thermoregulation
- Friendly probe positioning
- Safe: High electric protection degree IP54



Heating plates

Models RC (single place) and RC2 (two places) are characterized by high heating power.



Vortex mixers

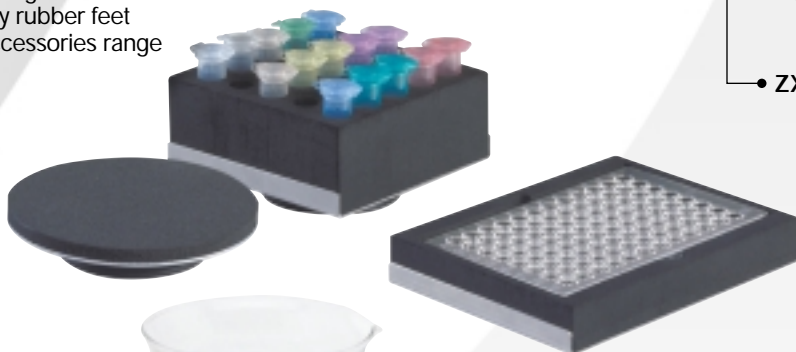
Two versions of vortex mixers are available:

- ZX3 - Variable speed control with continues and manual modes
- RX3 - Fixed speed with a manual mode only

Features and Benefits:

- Durable sturdy cast aluminum construction
- No creeping or vibration due to sturdy rubber feet
- Wide accessories range

These mixers are devised for mixing substances in test tubes or small flasks by shaking and circular movement. Sturdy cast aluminum construction includes rubber feet that prevent creeping or vibration transmission to your laboratory bench during high mixing frequencies.

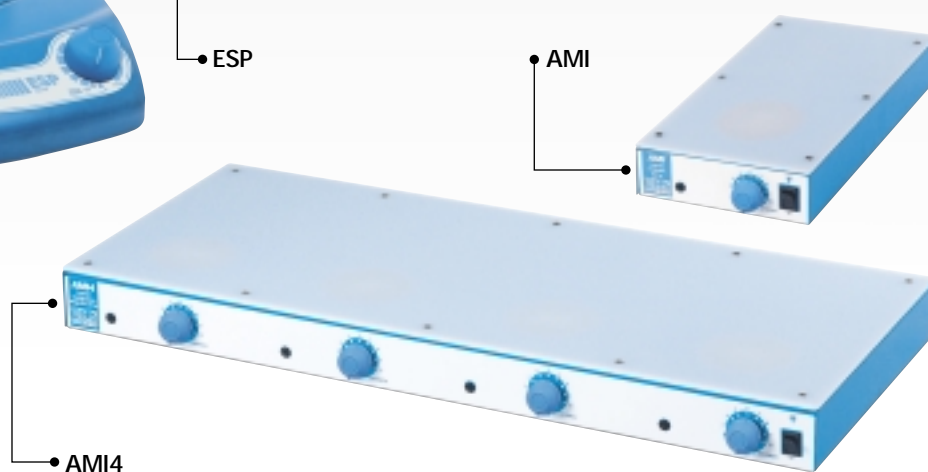


Magnetic stirrer without motor

This ultra-thin stirrer has no moving mechanical components. Silent operation and no heat generation are few of the advantages of these new style stirrers.

Lighted magnetic stirrers

Available in single or four places, the units have separate speed controls. Designed for color change titrations, these stirrers provide optimum lighting for checking the titration end point.



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



Equipment

Model	Cat. No. 110V	Cat. No. 220V	Power (W)	Speed (rpm)	Temp. C max	Heating plate ø inch (mm)	Stirring capacity (liter H ₂ O)	Weight lbs (kg)	Dimensions (W x H x D) Inchs (mm)	Accessories
MST	10.1160	10.0160	6	10-1100	-	-	5	1.2 (0.55)	5x1.75x6 (130x50x150)	5
Microstirrer	10.1161	10.0161	6	10-1100	-	-	5	0.88 (0.4)	4.75x2x5 (120x48x128)	5
Multistirrer 6	10.1177	10.0177	8	50-850	-	-	0.4(x6)	4.8 (2.2)	9.5x2.25x16 (240x55x408)	4.5
Multistirrer 15	10.1178	10.0178	15	50-850	-	-	0.25(x15)	6.2 (2.8)	9.5x2.25x16 (240x55x408)	4.5
AGE	10.1164	10.0164	40	10-1200	-	-	8	4 (1.8)	6.75x3.5x7.5 (171x90x190)	5
ATE	10.1165	10.0165	15	10-1100	-	-	25	8.1 (3.7)	9.75x4.75x11.25 (250x120x285)	5.6
ESP	10.1179	10.0179	5	50-1100	-	-	5	1.9 (0.87)	6.25x1.25x9 (160x33x230)	7
ZX3	10.1176	10.0176	45	0-40 Hz	-	-	-	4.4 (2)	6x5.25x6 (150x134x150)	12,3
RX3	10.1171	10.0171	45	0-40 Hz	-	-	-	4.4 (2)	6x5.25x6 (150x134x150)	-
ARE	10.1162	10.0162	780	10-1200	370	6(155)	15	6.4 (2.9)	6.5x4.5x11 (165x115x1280)	5,6,10,11,12,13
AREX	10.1163	10.0163	800	10-1300	370	6(155)	20	6.4 (2.9)	6.5x4.5x11 (165x115x1280)	5,6,10,11,12,13
VTF	11.1063	10.0163	-	-	-	-	-	0.6 (0.250)	3.5x5.75x4.75 (75x145x120)	8,9,25,26
ARED	10.1169	10.0169	1300	10-1200	370	7(180)	20	6.8 (3.1)	7.5x4.75x8.75 (190x120x222)	5,6,10,11,12,13
T.ARE	10.1170	10.0170	1300	10-1200	370	6(155)	25	6.8 (3.1)	7x4.5x8.75 (180x115x220)	5,6,10,11,12,13
AM4	10.1166	10.0166	1300	10-1200	370	6(155)	10(x4)	18.3 (8.3)	28x5.5x8.75 (715x140x220)	5,6,10,11,12,13
RC	10.1174	10.0174	750	-	370	6(155)	-	3.7 (1.7)	6.5x4.5x11 (165x115x280)	11,12,13
RC2	10.1172	10.0172	1500	-	370	6(155)	-	7.3 (3.3)	13.5x3.5x7.5 (340x90x190)	11,12,13
AMI	10.1167	10.0167	20	10-1100	-	-	5	4.2 (1.9)	6x2.25x10.5 (150x55x270)	5
AMI4	10.1168	10.0168	50	10-1100	-	-	5(x4)	13.2 (6)	23.5x3.5x7.5 (600x55x270)	5
ES	10.1152	10.0152	35	50-1300	-	-	15	3.7 (1.7)	3.25x7.75x6.25 (80x200x160)	14,15,16,17,18,19,20,21,22
BS	10.1151	10.0151	60	50-2000	-	-	25	6.2 (2.8)	3.25x3.5x7.75 (80x215x196)	14,15,16,17,18,19,20,21,22
DLS	10.1155	10.0155	60	50-2000	-	-	25	6.6 (3)	23.5x8.5x7.75 (80x215x196)	14,15,16,17,18,19,20,21,22
LH	10.1156	10.0156	120	50-2000	-	-	40	7.5 (3.4)	3.25x9x7.75 (80x230x196)	14,15,16,17,18,19,20,21,22
DLH	10.1157	10.0157	120	50-2000	-	-	40	7.5 (3.4)	3.25x9x7.75 (80x230x196)	14,15,16,17,18,19,20,21,22,23,24
PW	10.1150	10.0150	120	20-1200	-	-	70	7.5 (3.4)	3.25x9x7.75 (80x230x196)	14,15,16,17,18,19,20,21,22,23,24

Accessories on request

N.	Description	Cat No.	N.	Description	Cat No.
1	Stand for microtiter	11.1047	14	Support rod and base	11.1300
2	Stand for 25 microvials 1,5ml-Eppendorf type	11.1048	15	Double clamp	11.1301
3	Supporting plate ø 90mm	11.1050	16	Ribbon clamp	11.1302
4	Water tank thermostating samples, 408x240x85mm	11.1055	17	Stirring shaft with floating blade, stainless steel	11.1304
5	Magnetic stir bar, 6x35mm	11.1056	18	Stirring shaft with folding blade, stainless steel	11.1305
6	Magnetic stir bar, 9.5x60mm	11.1061	19	Stirring shaft with fixed blade, stainless steel	11.1306
7	Magnetic stir bar, 10x40mm	11.1060	20	Stirring shaft with propeller blade, stainless steel	11.1307
8	Deviation element PW10	11.1063.10	21	Stirring shaft with paddle, 6 holes, stainless steel	11.1308
9	Probe extension cable, lenght 1m	11.1063.20	22	Stirring shaft with turbine, stainless steel	11.1309
10	Support rod	11.1069	23	Stirring shaft with turbo propeller, stainless steel	11.1310
11	Hemispheric bowl for 250ml flasks	11.1071	24	Stirring shaft with anchor, stainless steel	11.1311
12	Hemispheric bowl for 500ml flasks	11.1072	25	Probe pliers Vertex	11.1062.03
13	Hemispheric bowl for 1000ml flasks	11.1073	26	Glass probe	11.1063.40



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