

The background of the slide features a series of abstract, flowing, and overlapping lines in various shades of blue and white. These lines create a sense of movement and depth, resembling liquid or smoke captured in a long-exposure photograph. The lines curve and swirl, filling the entire frame.

Stirrers



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TUBE MIXERS

Ref. 1100/1110

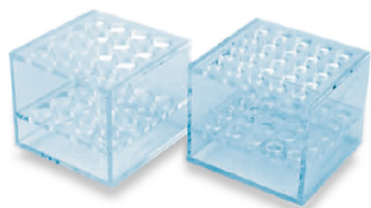
GENERAL CHARACTERISTICS

- * Head stock for mixing test tubes of up to Ø 20 mm.
 - * It has two switchable working modes:
 - Continuous mode for uninterrupted mixing.
- Manual mode in which mixing is activated automatically by slight pressure from the tube on the head stock.
 - * Metal housing painted in epoxy.
 - * Electronically regulated speed control.

Manufactured according to CE directives.

Ref	Mixing speed (rpm)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Eccentricity
1100	Variable between 50 and 2600	10	140 x 100 x 155	4	6 mm.
1110	Fixed 2600	10	140 x 100 x 155	4	6 mm.

Ref	Accessories
1110-1	Tube rack for 16 test tubes (Ø 15 mm max.). CONSULT
1110-2	Tube rack for 25 test tubes (Ø 12 mm max.). CONSULT
1110-3	Head stock for 6 Eppendorf tubes
1110-4	90-mm platform for containers of up to 250 ml





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MAGNETIC STIRRER

Ref. 1200

GENERAL CHARACTERISTICS

- * An injected housing that provides the equipment with great stability, painted in epoxy.
 - * 150 mm Ø stirring surface made of AISI 304 stainless steel.
 - * Modularly designed electric stirring circuit for easy replacement.
- * Illuminated switch for the stirring function located on the front panel.
 - * The stirring capacity exceeds 10 l (relative to water).
 - * Stirring speed variable between 30 and 2100 r.p.m.
 - * Includes Teflon-insulated magnet 8 Ø x 40 mm.

Manufactured according to CE standards.

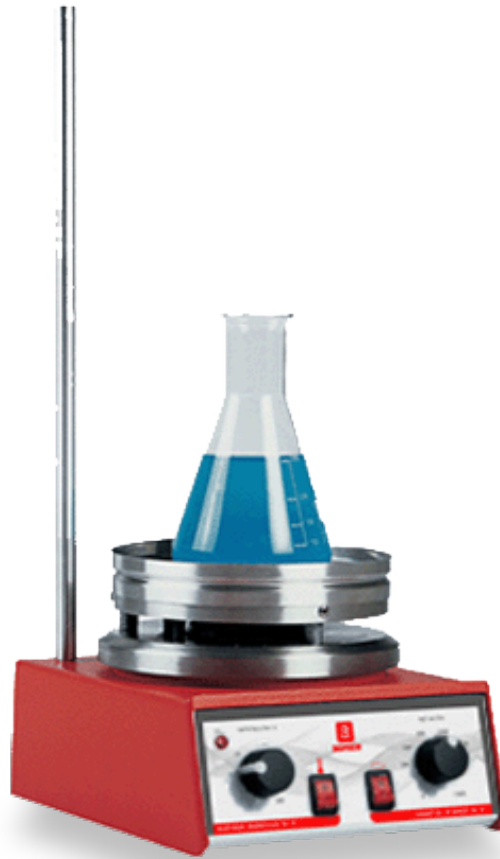
Ref	Max temp. on Surface (°C)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Control system
1200	-----	10	180 x 110 x 220	2	-----

Ref	Accessories
1220	Safety ring
1221	Support bar of 12 mm Ø x 450 mm
1234	Cylindrical magnet of 6 mm diameter and 20 mm length
1236	Cylindrical magnet of 6 mm diameter and 30 mm length
1237	Cylindrical magnet of 6/8 mm diameter and 35 mm length
1238	Cylindrical magnet of 8 mm diameter and 40 mm length
1239	Cylindrical magnet of 8 mm diameter and 50 mm length





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MAGNETIC STIRRER

Ref. 1201

GENERAL CHARACTERISTICS

- * An injected housing that provides the equipment with great stability, painted in epoxy.
 - * 150 mm Ø stirring surface made of AISI 304 stainless steel.
- * Modularly designed electric heating and/or stirring circuits for easy replacement.
- * Illuminated switches and separate adjustment controls for the heating and stirring functions located on the front panel.
 - * The stirring capacity exceeds 10 l (relative to water).
 - * Stirring speed variable between 30 ÷ 2100 r.p.m.
 - * Include an indicator light to signal heating.
- * Electronic heating regulation; 0 ÷ 100% heat power.
 - * Includes Teflon-insulated magnet 8 Ø x 40 mm.

Manufactured according to CE standards.

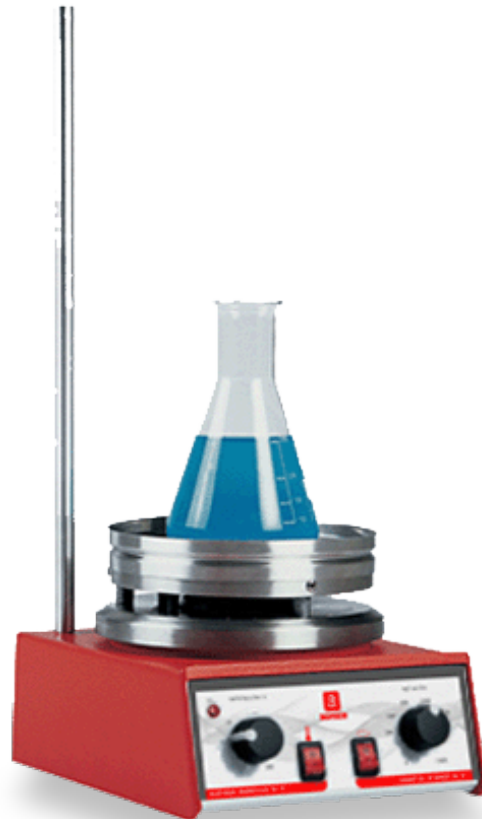
Ref	Max temp. on Surface (°C)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Control system
1201	400	500	180 x 125 x 220	3	Electronic regulator that provides from 10 to 100% of the heating power, with an outlet for a contact thermostat

Ref	Accesories
1220	Safety ring
1221	Support bar of 12 mm Ø x 450 mm
1736	TCD-1 (Digital Contact Thermometer)
1234	Cylindrical magnet of 6 mm diameter and 20 mm length
1236	Cylindrical magnet of 6 mm diameter and 30 mm length
1237	Cylindrical magnet of 6/8 mm diameter and 35 mm length
1238	Cylindrical magnet of 8 mm diameter and 40 mm length
1239	Cylindrical magnet of 8 mm diameter and 50 mm length





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MAGNETIC STIRRER

Ref. 1203

GENERAL CHARACTERISTICS

- * An injected housing that provides the equipment with great stability, painted in epoxy.
 - * 150 mm Ø stirring surface made of AISI 304 stainless steel.
- * Modularly designed electric heating and/or stirring circuits for easy replacement.
- * Illuminated switches and separate adjustment controls for the heating and stirring functions located on the front panel.
 - * The stirring capacity exceeds 10 l (relative to water).
 - * Stirring speed variable between 30 ÷ 2100 r.p.m.
- * Adjustable temperature by means of bulb thermostat with a precision of $\pm 3^{\circ}\text{C}$ (+5 a 300°C.). With indicator light to signal heating.
 - * Includes Teflon-insulated magnet 8 Ø x 40 mm.

Manufactured according to CE standards.

Ref	Max temp. on Surface (°C)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Control system
1203	300	500	180 x 125 x 220	3	Adjustable temperature by means of bulb thermostat with a precision of $\pm 3^{\circ}\text{C}$

Ref	Accessories
1220	Safety ring
1221	Support bar of 12 mm Ø x 450 mm
1234	Cylindrical magnet of 6 mm diameter and 20 mm length
1236	Cylindrical magnet of 6 mm diameter and 30 mm length
1237	Cylindrical magnet of 6/8 mm diameter and 35 mm length
1238	Cylindrical magnet of 8 mm diameter and 40 mm length
1239	Cylindrical magnet of 8 mm diameter and 50 mm length





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MAGNETIC STIRRER

Ref. 1205

CARACTERÍSTICAS GENERALES

- * An injected housing that provides the equipment with great stability, painted in epoxy.
- * Circular: 150-mm Ø stirring surface made of AISI 304 stainless steel 150 mm Ø.
- * Temperature control is a digital thermostat with PID self-adjustable control.
 - * Reading by 3 digit, doble display. Resolution 1°C.
 - * "J" type probe.
 - * Temperature control from ambient up to 350°C.
- * The stirring capacity exceeds 10 l (relative to water).
- * Stirring speed variable between 30 and 2100 r.p.m.
 - * Includes Teflon-insulated magnet. (8x40 mm).
- * Option: External probe for control the temperature of the sample. (Ref. 1222).

Manufactured according to CE standards.

Ref	Max temp. on Surface (°C)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Control system
1205	350	500	180 x 125 x 220	3	Digital programmer with PID control

Ref	Accessories
1220	Safety ring
1221	Support bar of 12 mm Ø x 450 mm
1222	External Temperature control (Factory installation)
1234	Cylindrical magnet of 6 mm diameter and 20 mm length
1236	Cylindrical magnet of 6 mm diameter and 30 mm length
1237	Cylindrical magnet of 6/8 mm diameter and 35 mm length
1238	Cylindrical magnet of 8 mm diameter and 40 mm length
1239	Cylindrical magnet of 8 mm diameter and 50 mm length





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ROD STIRRER

Ref. 1300

GENERAL CHARACTERISTICS

Equipment designed for mixing, homogenize and recirculation of substances.

- * Shaking capacity, 10L. (related to water).
- * Metal housing painted in epoxy.
- * Universal clamp for rapid coupling of rods of up to Ø 10 mm.
- * Fastening system located on the rear part of the equipment, consisting of two Ø12 x 200 mm bars.
- * Speed; 200-2000 r.p.m. adjustable by means of electronic regulation.
- * Supplied with standard shaking rod of 250mm of length, 8mm Ø and an 50x10mm. blade, of AISI 304 stainless steel.
- * Maximum viscosity, 1000 mPas.

Manufactured according to CE directives.

Ref	Max. torque (Ncm)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Stirring capacity
1300	5.3	20	120 x 145 x 160	3.5	Up to 10L.

Ref	Accessories
1312	Support foot for Ø 15 x 750 mm bar and chuck
1313	Standard rod
1314	Crossed blade rod
1315	Paddle/shaped rod





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DIGITAL ROD STIRRER

Ref. 1301

GENERAL CHARACTERISTICS

- * Metal housing painted in epoxy.
- * Universal clamp for rapid coupling of rods of up to Ø10mm.
 - * Microprocessor controlled.
- * Display of speed and time settings using backlit LCD display.
 - * Digital rev counter with accuracy of $\pm 2\%$.
 - * Timed mode up 9h. 59'59". (Factory-changeable).
 - * Fixing system located on the back of the unit.
 - * Adjustable speed 40 ÷ 2000 rpm.
- * Stable speed throughout the range, regardless of load (Max. load 10L. Related to water).
 - * Supplied with standard shaking rod of 250 mm of length, 8 mm Ø and 50x10 mm blade, of AISI 304 stainless steel.
 - * Maximum Viscosity: 1000 mPas.

Manufactured according to CE directives.

Ref	Max. torque (Ncm)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Stirring capacity
1301	5.3	20	120 x 145 x 160	3.5	Up to 10L.

Ref	Accessories
1312	Support foot for Ø 15 x 750 mm bar and chuck
1313	Standard rod
1314	Crossed blade rod
1315	Paddle/shaped rod





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ROD STIRRER

Ref. 1320

GENERAL CHARACTERISTICS

- * Shaking capacity, 20L. (related to water).
- * Metal housing painted in epoxy.
- * Universal clamp for rapid coupling of rods of up to Ø 10 mm.
- * Double nut fastening system located on the back of the equipment.
- * Speed; 200 ÷ 2000 r.p.m. adjustable by means of electronic regulation.
- * Supplied with standard shaking rod of 300mm of length, 8mmØ and an 80x20mm. blade, of AISI 304 stainless steel.
- * Maximum viscosity: 50000 mPas.

Manufactured according to CE directives.

Ref	Max. torque (Ncm)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Stirring capacity
1320	27	90	105 x 160 x 220	4.5	Up to 20L.

Ref	Accessories
1322	Support foot for Ø 20 x 750 mm bar and chuck
1323	Standard rod
1324	Crossed blade rod
1325	Paddle/shaped rod
1326	Drop rod





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DIGITAL ROD STIRRER

Ref. 1321

GENERAL CHARACTERISTICS

- * Metal housing painted in epoxy.
- * Universal clamp for rapid coupling of rods of up to Ø10mm.
 - * Microprocessor controlled.
- * Display of speed and time settings using backlit LCD display.
 - * Adjustable speed 40 ÷ 2000 rpm.
 - * Digital rev counter with accuracy of $\pm 2\%$.
 - * Timed mode up 9h. 59'59". (Factory-changeable).
- * Stable speed throughout the range, regardless of load (Max. load 20L. Related to water).
- * Double nut fastening system located on the back of the equipment.
- * Supplied with standard shaking rod of 300 mm of length, 8 mm Ø and 80x20 mm blade, of AISI 304 stainless steel.
 - * Maximum viscosity: 50000 mPas.

Manufactured according to CE directives.

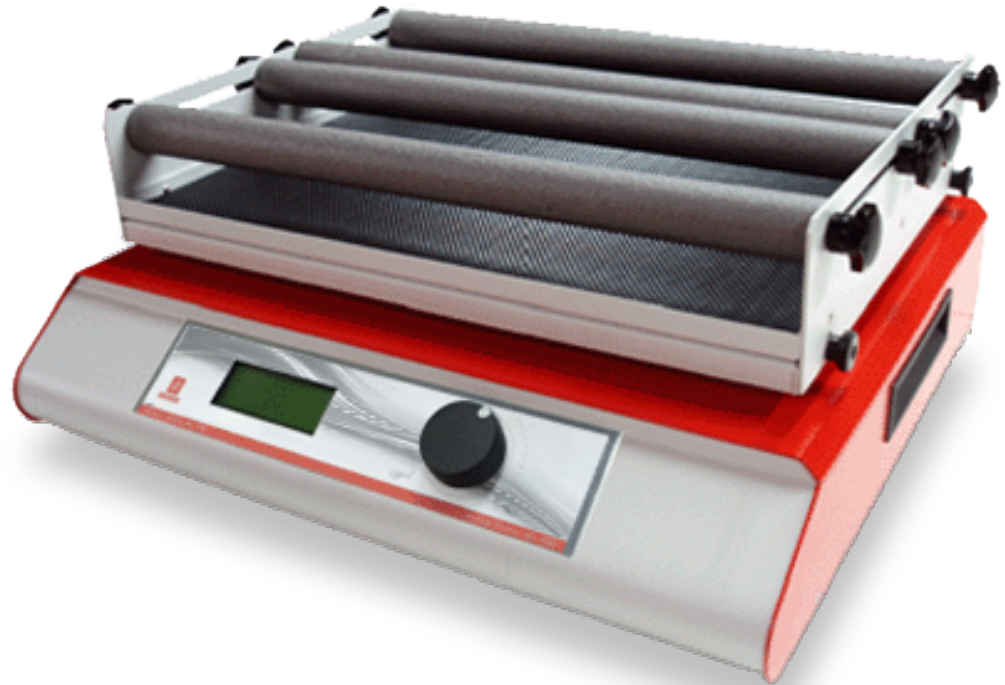
Ref	Max. torque (Ncm)	Power (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Stirring capacity
1321	27	90	105 x 160 x 220	4.5	Up to 20L.

Ref	Accesories
1322	Support foot for Ø 20 x 750 mm bar and chuck
1323	Standard rod
1324	Crossed blade rod
1325	Paddle/shaped rod
1326	Drop rod





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LINEAR AND ORBITAL SHAKER

Ref. 1400

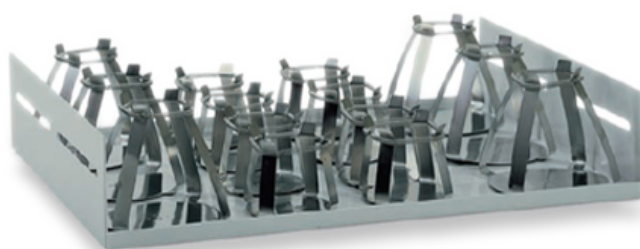
GENERAL CHARACTERISTICS

- * Metal housing painted in epoxy.
- * Orbital o linear movement.
- * Sturdy chassis allowing high shaking speeds with great stability.
 - * Microprocessor controlled.
- * Display of speed and time settings using backlit LCD display.
 - * Digital rev counter with accuracy of $\pm 2\%$.
- * Modo temporizado hasta 23h. 59' 59". (modificable en fábrica).
- * Timed mode up 23h. 59' 59". (Factory-changeable). Stable speed throughout the range, regardless of load (Max. load 20Kg.)
- * The shaking platform is designed for coupling different laboratory containers, and it is equipped with four, cushioned metal bars for fastening containers in various ways.
 - * 450x350 mm (width x depth) standard shaking tray.

Manufactured according to CE standards.

Ref	Shaking capacity (Kg)	Consumption (W)	Dimensions (W x H x D)mm.	Weight (Kg)	Eccentricity
1400	20	90	505 x 140 x 430	18	19 mm.

Ref	Accessories
1450	400x500 mm platform for Erlenmeyer flask
1450-1	25/50 ml. Flask adaptor (capacity for up 42 adaptors on each platform)
1450-2	100 ml. Flask adaptor (capacity for up 20 adaptors on each platform)
1450-3	250 ml. Flask adaptor (capacity for up 12 adaptors on each platform)
1450-4	500 ml. Flask adaptor (capacity for up 9 adaptors on each platform)
1450-5	1000 ml. Flask adaptor (capacity for up 6 adaptors on each platform)
	Special platform upon request





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MINI-ORBITAL SHAKER

Ref. 1420

GENERAL CHARACTERISTICS

- * Shaker with vibratory movement with universal fixing system for different containers.
 - * Metal housing painted in epoxy.
 - * Electronic speed adjustment.
 - * Great stability at maximum shaking.
- * 60 minutes timer with a continuous switch function.
 - * Excentricity 6mm.
 - * Adjustable speed 100-500 Rpm.

Manufactured according to CE directives.

Ref	Vibration orbit	Consumption	Dimensions (W x H x D, mm)	Weight (Kg)	Max. load (Kg)	Useful platform (mm)
1420	6mm.	20 W.	230 x 115 x 295	6	2.5	220 x 220

Ref	Accessories
1450-1	25/50 mL. Flask adaptor
1450-2	100 mL. Flask adaptor
1450-3	250 mL. Flask adaptor
1450-4	500 mL. Flask adaptor
1450-5	1000 mL. Flask adaptor





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MINI-ORBITAL SHAKER FOR MICROTITER PLATES

Ref. 1440

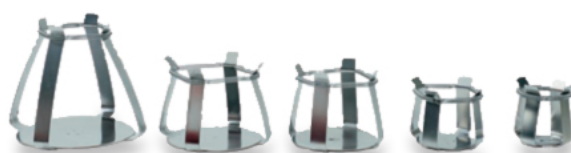
GENERAL CHARACTERISTICS

- * Shaker with vibratory movement to shake 4 microtiter plates of 85 x 125 mm. Or any other type of plates due to the possibility of exchanging trays.
 - * Metal housing painted in epoxy.
 - * Electronic speed adjustment.
- * Great stability at maximum shaking.
- * 60 minutes timer with a continuous switch function.
 - * Excentricity 3mm.
- * Adjustable speed 100-1000 Rpm.

Manufactured according to CE directives.

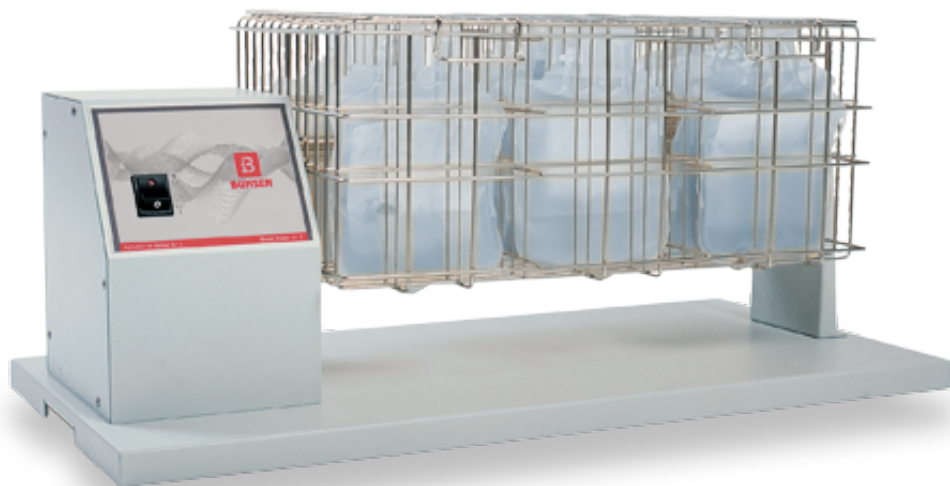
Ref	Vibration orbit	Consumption	Dimensions (W x H x D, mm)	Weight (Kg)	Max. load (Kg)	Useful platform (mm)
1440	3mm.	20 W.	230 x 115 x 295	6	2.5	220 x 220

Ref	Accessories
1450-1	25/50 ml. Flask adaptor
1450-2	100 ml. Flask adaptor
1450-3	250 ml. Flask adaptor
1450-4	500 ml. Flask adaptor
1450-5	1000 ml. Flask adaptor





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BLOOD BAG ROTATOR

Ref. 1150

GENERAL CHARACTERISTICS

- * Designed for continuous and smooth rotation of blood bags.
- * It consists of a stainless steel basket with 36 compartments.
 - * Metal housing painted in epoxy.
 - * Rotation capacity: 36 bags of 500 ml.
 - * AISI 304 stainless steel basket.
 - * Illuminated ON indicator light.
- * It incorporates a fuse protection located at the back of the motor housing.

Manufactured according to CE standards.

Ref	Rotation speed (rpm)	Consumption (W)	Dimensions (W x H x D, mm)	Weight (Kg)
1150	8 Rpm	40	700 x 250 x 300	6



BUNSEN SA. C/ Tokio, 2 28970 Humanes de Madrid, Madrid, SPAIN
Tlf. +34 916 113 584 - Fax. +34 916 128 254
info@bunsen.es - www.bunsen.es





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TUBE ROTATOR

Ref. 1130

GENERAL CHARACTERISTICS

This rotator is especially designed with the following characteristics for slowly and continuously rotating test tubes.

- * Injected aluminium housing painted in epoxy.
- * Ø 280 mm test tube adapter disk. **NO INCLUDING.**
- * Possibility of varying the angle of rotation axis from 0 to 90 degrees.
 - * Electronically regulated speed control.
- * Possibility of shaking test tubes from Ø 6 mm to Ø 38 mm.

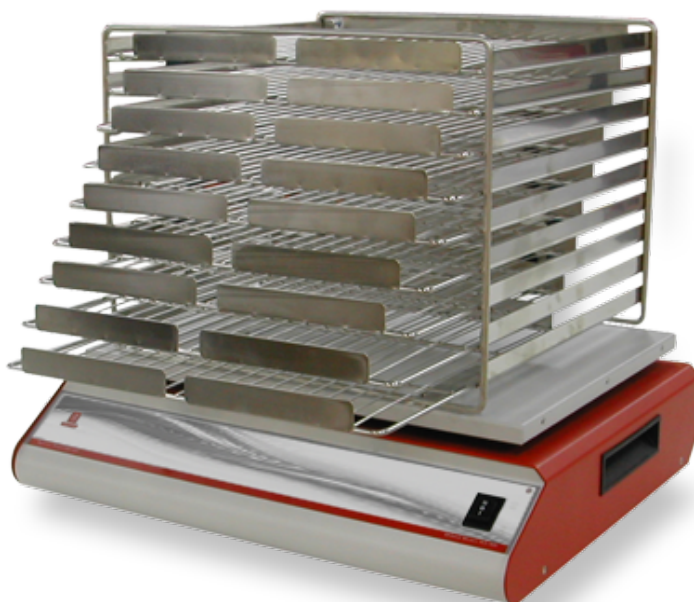
Manufactured according to CE standards.

Ref	Rotation speed (rpm)	Consumption (W)	Dimensions (W x H x D, mm)	Weight (Kg)
1130	Variable between 5 y 25	12	180 x 300 x 220	4

Ref	Accessories
1130-1	Disks for 24 tubes from 10 to 12 mm
1130-2	Disks for 20 tubes from 14 to 16 mm
1130-3	Disks for 20 tubes from 16 to 20 mm
1130-4	Disks for 16 tubes from 20 to 24 mm
1130-5	Disks for 16 tubes from 26 to 32 mm
1130-6	Disks for 16 tubes from up to 40 mm
	Disks, test tubes and vessels with other dimensions available on request



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PLATELETS SHAKER

Ref. 1400-60

GENERAL CHARACTERISTICS

Equipment designed for continuous shaking of platelets or similar bags.

- * Metal housing painted in epoxy.
- * Linear movement, 12mm lenght.
- * Shaking speed, fixed 60 rpm.
- * Special rack to shake up to 18 bags (stainless steel rack).
- * Self-oiling sliding system.

Manufactured according to CE standards.

Ref	Stirring capacity	Consumption (W)	Dimensions (W x H x D, mm)	Weight (Kg)	Rack dimensions (mm)
1400-60	18 bolsas	120	505 x 425 x 430	20	385 x 285 x 355



BUNSEN SA. C/ Tokio, 2 28970 Humanes de Madrid, Madrid, SPAIN
Tlf. +34 916 113 584 - Fax. +34 916 128 254
info@bunsen.es - www.bunsen.es

