

ElectraSyn 2.0 Electrochemistry Kit

ElectraSyn 2.0 combines three products in one and will facilitate the mass adoption of electrochemistry for preparative organic synthesis: a potentiostat, an analytical device and a stir plate.



Specifications:-

- Stirring quantity max. per stirring position (H₂O): 0.11
- Voltage output: 30/10V
- Current output: 100mA
- Setting accuracy speed: 10rpm
- Speed min.: 50rpm
- Display: TFT
- Speed max.: 1500rpm



RV 3 V Rotary Evaporator

It finds a multitude of uses in the chemical, pharmaceutical, and biotechnology industries, in research and development, in manufacturing and quality assurance, in laboratories, and in plant construction. Thanks to specially designed glass guides, the transparent vertical coated condenser makes extremely efficient use of the 1500 cm² cooling surface.



Specifications:-

- Cooling Surface: 1500 cm²
- Speed Range: 5 - 300 rpm
- Lift: Manual
- Heating Temperature Range: Room Temp. - 100 °C
- Heat Output: 1300 W
- Heat Control Accuracy: 1 ±K
- Bath Volume Max.: 4 l



Tube Mill 100 Control

The Tube Mill 100 eliminates possibility of cross-contamination and the effort of cleaning. The mill can be used for hard (Mohs hardness up to 5), dry and brittle materials. It is suitable for grinding seeds, such as corn and wheat. The mill will only start when the hood is closed, making it safe to use.



Specifications:-

- Operating principle: Cutting/Impact
- Speed Range: 5000 - 25000 rpm
- Usable Volume Max.: 100 ml
- Feed Hardness Max.: 5 Mohs
- Feed Grain Size Max.: 10 mm



C-MAG HS 7

New magnetic stirrers with heating and glass ceramics heating plate which offers excellent chemical resistance.



Specifications:-

- Stirring Quantity (H₂O): 10 l
- Speed Range: 100 – 1,500 rpm
- Temperature Range: 50 – 500 °C
- Heating Plate Material: Glass Ceramics
- Heating Plate Dimension: 180 x 180 mm
- Protect. Class: IP 21 Acc. To DIN EN 60529



KS 260 Basic

Compact, flat shaker with optimal swivel motion, for a maximum shaking weight of 7.5Kg. LED display for speed and time adjustment + Wide range of attachment combinations allows for using almost all shapes and sizes of vessels



Specifications:-

- Shaking Movement: Orbital
- Orbital Diameter: 10 mm
- Infinitely Adjustable Speed Range: 10 – 500 rpm
- Timer: ∞ / 9 h 59 min
- Protect. Class: IP 21 Acc. To DIN EN 60529



Algaemaster 10 control Photo Bioreactor

By using the IKA photo bioreactors, the cultivation of phototrophic microorganisms such as cyanobacteria are, under carefully controlled conditions in a closed system, easily possible. Photo bioreactors create a natural environment to grow microorganisms for purposes such as for drug



Specifications:-

- Permissible ON time [%]: 100
- pH measuring range [pH]: 0 - 13
- pH measurement resolution [pH]: 0.01
- Speed deviation [±rpm]: 5
- Connection for ext. temperature sensor: PT 100
- Timer: yes
- Speed max.: 100rpm
- USB interface: yes



125 basic dry-glass Oven

Universal oven for tempering, drying, aging and heating application in the laboratory.

The IKA OVEN 125 basic dry covers applications in industry, schools / universities, research, quality control and science. Fast heat up times and a precise temperature control guarantee reproducible test results. A special odorless insulation also ensures lower operating costs.

The oven can be controlled by USB and test parameters can be recorded for further analyses.



Specifications:-

- Temperature range: RT + 5°C to 250°C
- Capacity: 125 l
- Electronically adjustable ventilation
- Clear display and control menu
- Key lock function
- Timer
- Adjustable temperature limit
- Glass door



RCT Digital Magnetic Stirrer

- Alrico magnet technology for excellent temp. stability and high residual induction

- Gorilla glass enclosed, fast response display for maximum visibility and chemical resistance

- A stirplate that improves over time with firmware updates via USB

- Ultimate stirring plate with auto-correct and maximum vortex



Specifications:-

- Stirring Quantity (H₂O): 20 l
- Speed Range: 0/50 -1500 rpm
- Max. Temperature: 310 °C
- Heating Plate Material: Aluminium
- Heating Plate Dimension: Ø135 mm
- Direction Of Direction: Colckwise / Counter-clockwise



KS 4000 i Control

New incubator shaker with innovative design allowing unattended operation in a temperature controlled environment.



Specifications:-

- Shaking Movement: Orbital
- Orbital Diameter: 20 mm
- Infinitely Adjustable Speed Range: 10 – 500 rpm
- Temperature Range: RT + 5 °C to 80 °C
- Temperature Stability: 0.1 K
- Timer: ∞ / 0 - 999 h
- Protect. Class: IP 30 Acc. To DIN EN 60529



ROCKER 3D basic

Shaker with three-dimensional tumbling motion and a fixed speed for smooth mixing tasks. Used for homogeneous mixing in flasks, culture flasks, petri dishes and tubes. Ideal for e.g. the cultivation of cell cultures, DANN extractions, distributing of cells and staining and destaining of cells.



Specifications:-

Type Of Movement:	Tumbling
Permissible Shaking Weight:	2 kg (incl. Attachment)
Speed Min.:	0 rpm
Speed Fix:	30 rpm
Dimensions (W x H x D):	280 x 165 x 330 mm
Protect. Class:	IP 21 Acc. To DIN EN 60529



ROLLER 6 basic

Roller shaker with 6 rolls provides smooth rocking and rolling action at a fixed speed. Used for mixing blood samples, solid and liquid suspensions and viscous samples. The unit can be used with all conventional tubes and cylindrical bottles. Easily removable attachments provide for quick cleaning in case of sample spills.



Specifications:-

Type Of Movement:	Rocking & rolling
Speed Min.:	0 rpm
Speed Fix:	30 rpm
Operating Mode:	continuous operation
Rolls, Ø:	32 mm
Rolls, Length:	327 mm
Protect. Class:	IP 21 Acc. To DIN EN 60529



Loopster basic

Rotator for smooth yet effective fixed speed mixing of 20 rpm. Ideal for biological samples, particularly blood. Suitable for separating and mixing processes of powdered and liquid samples in Eppendorf and Greiner tubes up to 50 ml.



Easily removable attachments provide for quick cleaning in case of sample spills.

Specifications:-

Type Of Movement:	Rotating
Permissible Shaking Weight (incl. Attachment):	2 kg
Speed Min.:	0 rpm
Speed Fix:	20 rpm
Operating Mode:	Continuous Operation
Rotary Angle:	Freely Adjustable
Protect. Class:	IP 21 Acc. To DIN EN 60529



MF 10

Continuously operating universal grinder.

- Powerful drive
- Easy to clean working surface made of stainless steel
- Two different grinding heads can be attached to the drive
- Heads are easily changeable
- Grinding heads not incl. with delivery



Specifications:-

Speed Range:	3,000 – 6,500 rpm
Max. Granularity Of Task:	Max. 15 mm
Materials In Contact With Medium:	Stainless Steel
Grinding Channel And Cover:	(AISI 304)
Blades:	(AISI 440B)
Shaft, Rotor, Screws:	(AISI 316L)
Protect. Class:	IP 22 Acc. To DIN EN 60529



A11 basic Analytical Mill

Batch mill for 2 different grinding procedures: Impact grinding of hard, brittle or non-elastic grinding materials with high-grade stainless steel beater. This beater can be used for a Mohs hardness up to 6 (incl. with delivery). Cutting grinding for pulverizing soft, fibrous materials with a cutting blade (not incl. with delivery).



Specifications:-

Process Type:	Batch
Operating Principle:	Cutting/impact
Speed.:	28,000 rpm (fixed)
Usable Volume Max.:	80 ml
Overload Protection:	Yes
Material Mohs Hardness:	Up to 6 (standard)
Protect. Class:	IP 43 Acc. To DIN EN 60529



T 25 Digital ULTRA-TURRAX®

High-performance dispersing instrument for volumes from 1 – 2000 ml (H₂O) with digital speed display. It offers a wide speed range from 3000 – 25,000 rpm that enables users to work at high circumferential speeds even with small rotor diameters. A broad choice of dispersing elements adds versatility. Applications ranges from homogenizing waste water samples, use in laboratory reactors, dispersion tasks under vacuum / pressure and sample preparation in medical diagnostics.



Specifications:-

Volume range (H ₂ O):	2 l
Max. Viscosity:	5,000 mPas
Speed Adjustment:	Stepless
Speed Range (Under Load):	3,400 – 24,000 rpm
Protect. Class:	IP 20 Acc. To DIN EN 60529



RW 20 Digital

Bringing the future to your laboratory:

- With digital display
- Robust, slimline, ergonomic design
- Technical improvements on the trusted RW 20 series designs
- With constant power-drive
- Two speed ranges for universal use from 60 - 2.000 rpm
- Push-through agitator shafts (only when stationary)



Specifications:-

Stirring Quantity (H ₂ O):	20 l
Max. Viscosity:	10,000 mPas
Speed Range I:	(per 50 Hz) 60 – 500 rpm
Speed Range II:	(per 50 Hz) 240 – 2,000 rpm
Speed Control:	Stepless
Protect. Class:	IP 20 Acc. To DIN EN 60529



EUROSTAR 20 Digital

Laboratory stirrer designed for simple stirring tasks for quantities up to 15 l (H₂O). It automatically adjusts the speed through microprocessor controlled technology within the speed range of 0/30 - 2000 rpm.



Specifications:-

Stirring Quantity (H ₂ O):	15 l
Max. Viscosity:	10,000 mPas
Speed Range:	0/30 – 2,000 rpm
Protect. Class:	IP 40 Acc. To DIN EN 60529

