

Laboratory-Scientific Equipment

Suction Units Autoclaves Sterilizer

Your best Choice
Probably The Best In Taiwan

15 Months Warranty, Quality Guaranteed,
Best After-sale Services
CE Mark certified





COMPANY PROFILE

Gemmy Industrial Corp.
Remmy Instrument Corp.

Established in 1981, GEMMY is the most top notch manufacturer in fields of Laboratory Equipment, Suction units and autoclaves etc. in Taiwan. The above products are popular and salable in more than 90 countries around the world. We are proud of our good quality, reasonable price and the best after-sales services. Thus, we strongly believe that your purchase of our products will be of benefits

Mission: To create a better and healthy life for human

Policy: TQM and continuous quality improvement

Commitment: The customers will benefit from our products definitely

Quality standard: ISO9001, ISO13485, GMP, CE marking, USFDA,
Certificated foreign manufacturer accredited by Japan

President: Ben CHEN (The Chairman of Taiwan Medical & Biotech Industry Association)

Office: 7F. No. 106, Min Chuan West Road, Taipei 103, Taiwan

Factory location: 6F. No. 532-534, Chong Cheng N. Road, San Chong District 241,
New Taipei City, Taiwan

Manpower: 45

Liaison: GEMMY EUROPE, Liege, Belgium

Organization: Departments of Management, Marketing, Manufacturing, Procurement,
Operation, R&D, QC, Finance, Warehousing & Transportation, Logistic

Market: About 90 countries and areas

Probably the Best in Taiwan

Your Best Choice

Be our partners, be our friends.

Hand-Tally Differential Counter Blood Cell Counter

The Schilling Group of Leucocytes:
Baso. Eoish. Seg. Lymph. Mono. Myelo.
Juven. Stab

- 5 & 8 units lab-count with totalizer. For simplifying differential blood cell counts.
- The 5 & 8 keys represent the normal Schilling Groups of Leucocytes. The above keys are the name and picture of particular cell.
- Each stroke registers both in the unit corresponding to its pressed key and in the window.
- When a total of every 100 cells are counted, a bell rings. DBC-8E features the percentage of each type of cell to be read from the window above each key. Manually count and display from 0 – 999.
- Counter clockwise rotate handle, it will clear figures.

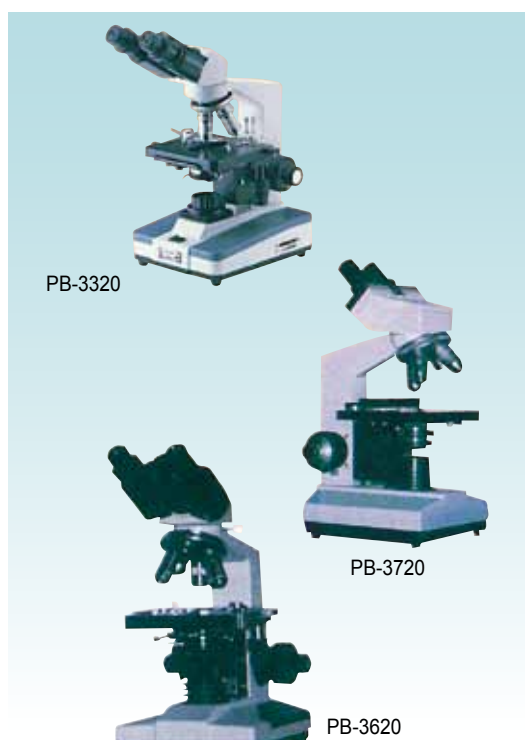


Model	DBC-6	DBC-9	DBC-8E
Leucocytes	5 units	8 units	8 units
Totalizer	Yes	Yes	Yes
Control	Mechanism	Mechanism	Microprocessor
Display	Digital 0-999	Digital 0-999	LED 0-999
Alarm at 100	Bell rings	Bell rings	Buzzer
% Display	N/A	N/A	Yes
Clear	Yes	Yes	Yes
Net weight	1.0 kg	1.3 kg	2.0 kg
Functions	Clear	Clear	Clear, Lock Decrease, %

Binocular Microscopes

Model	PB-3620	PB-3720	PC-3320
W.F. Eyepiece	WF 10X, 16X	WF 10X, 16X	WF 10X, 16X
Object (Achromatic)	4X, 10X, 40X(S) 100X (oil)(S)	4X, 10X, 40X(S) 100X (oil)(S)	4X, 10X, 40X (S) 100x(s) (oil)
Magnification	40X – 1600X	40X – 1600X	40X – 1600X
Binocular tube	30° inclined head Rotation 360°	45° inclined head Rotation 360°	45° inclined head Rotation 360°
Focus control	Coarse & Fine Coaxial adjustment	Coarse & Fine Coaxial & Tension Adjustment Safety auto stop	Coarse & Fine Coaxial adjustment
Condenser	1.25 N.A. Abbe iris diaphragm	1.25 N.A. Abbe iris diaphragm	1.25 N.A. Abbe iris diaphragm
Mechanical stage	120x135mm	140 x 140mm	140 x 130mm
Lateral movement	35 x 75mm	40 x 75mm	40 x 70mm
Illuminator	6V, 20W Halogen Intensity control	6V, 20W Halogen lamp	6V, 20W Halogen Intensity control
Reflector	Option	Option	Option
Photo tube	Option	Option	Option
Tri-nocular	Model: PB-3630	PB-3730	PB-3330

- Provides superior optical performance to suit a variety of viewing needs, ideal for biological, bacteriological, pharmaceutical, pathological research in hospitals, laboratory clinics, and particularly in school.
- Low-reflection coated optics reduce glare.
- Rack and pinion for coarse and fine adjustment.
- Focusing by moving mechanical stage with coaxial coarse and fine control graduated by both sides.



Dry Bath Incubators Block Heaters



Specifications:

Catalog no.	DB-006E	DB-006E-150	DB-006	DB-005
Overall dimension (mm)	370 x 245 x 135	290 x 290 x 110	370 x 240 x 105	210 x 235 x 115
Net weight (Not include blocks)	3.9 kg	6.0 kg	3.3 kg	2.1 kg
Temp setting	Digital (3-digit)	Digital (3-digit)	Analog	Analog
Temp reading	Digital LED	Digital LED	Thermometer	Thermometer
Temp range	Ambient to 99.9°C	Ambient to 150°C	25 – 105°C	25 – 105°C
Temp accuracy	±0.1°C	±0.1°C	±0.2°C	±0.2°C
Uniformity (at 37°C)	±0.2°C	±0.2°C	±0.5°C	±0.5°C
Temp sensor	PT-100	K-Type	* NTC	* NTC
Temp control	PID	PID	PID	PID
Overheat alarm	Yes	Yes	No	No
Heating element	450W	450 W	450W	200W
Timer	Digital 99 hr. 59 min	Digital 99hr. 59 min	No	No
Insulation	No	Yes	No	No

* NTC: Negative Temperature Coefficient

Features:

- Applications for incubating DNA specimens, cross matching and screens in blood bank, incubating melted agar, Enzyme assays, digestions, Residue tests for milk and also great for serology, hematology, pathology and biochemistry etc.
- Choose from various heating blocks that accommodate test tubes, cuvettes, and micro centrifuge tubes.
- Each block has a well to accommodate a removable thermometer, which monitors temperature of blocks.
- When solid block (no holes) is used, it can function as **HOT PLATE**.

DB-006E & DB-006E-150

- Activate auto-off function to automatically shut out heater at the end of timed cycle.
- Digital temperature display for actual temperature PV and setting SV.
- Timer start working when the preset temperature has been stabilized ensures an accurate incubation effect.
- When complete the heat cycling, the timer will alarm and display "**END**".
- Memory stores the set temperature and time of previous operation, use these set points to repeat the new operation and save time, or preset your new desired set points.
- DB-006E-150 features double wall construction with insulator by fiberglass for durability and good heat retention. Maximum temperature is designed up to 150 C capable of functioning more applications.
- **Safety devices:** Over temperature alarm; Heating failure alarm; Double overheating protection.

Blocks Available:

Number	Tube size	Openings No. / Ø
DB-0630	6mm	30 / 6.5mm
DB-1020	10mm	20 / 10.5mm
DB-1220	12 or 13mm	20 / 13.5mm
DB-1612	15 or 16mm	12 / 16.6mm
DB-1812	18mm	12 / 18.6mm
DB-2012	20mm	12 / 20.7mm
DB-2506	25mm	6 / 25.7mm
DB-15E-20	1.5ml Eppendorf	20
DB-053-12	0.5ml Eppendorf	20
DB-COM-3 (Combination)	25+12+6mm or your request	3+5+6 holes
DB-0000	Solid (no holes) used as HOT PLATE	
Block size	100W x 75D x 50L (mm)	

Constant-Temp Water Bath



Specifications:

Model	YCW-01	YCW-04M	YCW-010	YCW-03S	YCW-05
			YCW-010E		
Volume	22 L.	11 L.	22 L & 11 L.	22 L.	5 L.
Temp setting	Analog	Analog	Digital	Thumb switch	Analog
Temp readout	Thermometer	Thermometer	LED digital	LED digital	Thermometer
Temp preset	N.A.	N.A.	N.A.	25°, 37°, 56°C	N.A.
Max temperature	100°C	100°C	99.9°C	100°C	100°C
Temp stability	±0.2°C	±0.2°C	±0.01°C	±0.05°C	±0.2°C
Temp uniformity	±0.01°C	±0.01°C	±0.01°C	±0.01°C	±0.01°C
Temp control	ON/OFF	ON/OFF	PID	PID	ON/OFF
Timer	N.A.	N.A.	YCW-010 E	N.A.	N.A.
Over-heat shutout	Yes	Yes	2°C to set point	Yes	Yes
Heating element	1.0 KW	1.0KW	1.0KW	1.0KW	0.5 KW

NOTE:

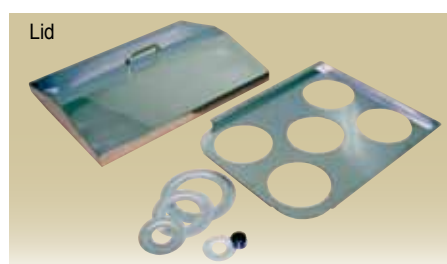
Bath Dimension: **22 L: 50 x 29.5 x 15.5cm;** **11 L: 30 x 24 x 15cm**

Features:

- Providing a desired test through a thermostatic temperature with 5°C above ambient to 100°C, ideal for biological, clinical research, medical, bio-chemical, industry and education laboratory.
- Molded bath with rounded corners and seamless stainless steel sides ensures efficient circulation and easy for cleaning.
- Equipped with immersion heating element sheathed with stainless steel.
- Improve temperature uniformity by rotating water stirrer to direct flow to various areas of the tank.
- Optional concentric rings cover minimizes heat loss when you suspend flasks or other vessels in the bath.
- **YCW-03S** comes with preset point at 25, 37, 56°C. Function temperature recalibration ensuring the best working environment.
- **YCW-010, YCW-010E** comes with built-in microprocessor-based digital controller. Audible & visible alarm is activated and shut out power to 2°C above the set point. Timer starts working when the set temperature has been stabilized. Functions alarm and the display with "**END**" after the completion of operation cycle.
- Drain valve and perforated tray are optional for extra cost to meet your requirement.
- YCW-01, YCW-04M are the most practical and economic models, but with excellent performance. Pilot lamp indicates the heater is energized and stabilized. Comes with mercury thermometer for direct readout.

Optional accessories:

- Stainless steel Gable Lid
- Stainless steel concentric rings with lid
Rings of inner diameter: 107, 80, 55, 31.5, 21mm
(5 openings for 22 Liters and 2 openings for 11 Liters)
- Stainless steel mesh tube rack
13mm x 40 wells (or 20 wells)
18mm x 40 wells (or 20 wells)



Constant-Temp **Shaking Water Bath**



YCW-012S



Test tube rack



Flasks platform

Specifications:

Catalogue number	YCW-012S	YCW-012
Temperature setting	Digital, 3-digit	Analog
Temperature readout	LED digital	Mercury thermometer
Timer	Option	Option
Shaking speed	Adjustable 20 – 200 rpm	Fixed at 100 rpm or anywhere
Temperature controller	P.I.D.	ON / OFF
Temperature sensor	PT-100Ω	EGO Hydraulic thermostat
Temperature range	Ambient to 99.9°C	Ambient to 100°C
Temperature resolution	0.1°C	1.0°C
Over-temp cutoff	Yes, 2°C to the set point	Yes, when PV arrives 80°C
Shaking stroke	20mm reciprocal	
Drain valve	Yes	
Stability	±0.05°C at 37°C	
Uniformity	±0.1°C	
Bath dimension	500 x 300 x 150mm, (22 liters approx.)	
Wattage consumption	1.0 KW (heater) + 25 W (motor)	

Optional accessories:

- Flasks platform (option for clamps)
- Test tube rack (springs included)

Standard accessory:

- Stainless steel gable lid

Features:

- Choice of digital or analog setting to meet your requirements.
- Built-in circulating stirrer ensures uniform bath temperatures.
- Heating lamp indicates the heating element is energized or stabilized
- Tube rack and flask platform can be raised and lowered to suit the lengths of different vessel and test tubes. They are detachable and easy for installment.
- An induction motor produces a 20mm circular motion with 0 dB ensures maintenance free.

YCW-012S:

- Built-in microprocessor-based digital controller simultaneously displays the actual temperature.
- The shaking bath is ideal for applications that require a reciprocating shaking motion with a temperature uniformity of ±0.1°C.
- Tube rack or flask platform are removable when the shaking motion is not required.
- Regulates shaking stroke by turning the control knob from 20 – 200 rpm to your desired applications.
- Functions over temperature alarm and shutoff automatically.
- Audible alarm is activated and shut off power to 2°C above the set point.
- Indicators of Power: Heating \ PV \ SV \ Alarm etc.
- Function temperature recalibration when the actual temperature cannot match the display temperature.
- Timer is available upon request when the time is critical to the user.

YCW-012:

- The economy type. Controlled by the mechanic temperature thermostat, but with an accurate temperature.
- Fixed speed at 100 rpm or anywhere upon request.
- Analog temperature setting with mercury thermometer to display the actual temperature

Table Top Centrifuge

- The Best Selling Centrifuge in World.
- Prevalled in more than 70 countries
- Quality & Services Warranty
- From 1000rpm to the max 4000 — 4500rpm
- CE \ GMP, FDA certified



Specifications :

Dimension	270 x 270 x 250mm
Timer	Mechanical, 60 min.
Power indicator	LED lamp
Rotor	Fixed angle
Fixed speed	Available upon request
Safety shutout device	Option
Max capacity	12 tubes of 10 or 15ml
Speed	1000 – 4000 (or 4500rpm)
Quality, QMS Standard	ISO9001, ISO13485 CE, GMP, FDA

Ordering information :

Model	Nr. Of tubes	Rotor Nr.	Max RPM	Max RCF
PLC-01	4 x 15ml.	A-0415	4500	2422xg
PLC-02	6 x 15ml.	A-0615	4500	2422
PLC-03	8 x 15ml.	A-0815	4500	2422
PLC-04	10 x 15ml	A-1015	4000	2057
PLC-05	12 x 15ml	A-1215	4000	2057
	12 x 5.0ml	A-1205	4000	2057

Suggested tubes:

- 5ml : 12 x 75mm
- 10ml : 16 x 100mm
- 15ml : 17 x 117mm (or 120mm)

Option:

- 1 : CE marking : Motor 90W + EMC filter
- 2 : Non-CE mark: Motor 67 W
- 3 : Automatic lid shutout safety device

Features:

- The best-selling centrifuge at inexpensive price that everyone can afford.
- To provide a desired testing for test tubes containing in vitro diagnostic specimens for qualitative or quantitative test procedures, ideal for general laboratory in hospital, school, veterinary, biochemistry, blood bank, industry, clinics.
- Fixed-angle rotor features to collect sediment diagonally in the tubes. It creates the higher speed and RCF.
- Speed regulated from 1000rpm to the maximum within 15 seconds.
- Choice of variable speed regulation or fixed speed at 3000rpm or anywhere as requested.
- Choice of automatic shutout safety system when lid is opened during spinning. Extra cost is required.
- Anti-vibration rubber buffer balances rotor when spinning, and also protect equipment during transportation.
- Timer activated centrifuge, the LED pilot lamp indicates the power is switched on.
- The heavy casting iron base and 3 rubber suction feet prevent the unit from creeping and moving.
- This unit complies with CE electromagnetic compatibility requirement of EN60601-1-2 and IEC801 series regulations.
- Air intake holes in chamber help keep centrifuge cool during the extended use.

Universal Centrifuge



Specifications:

Code	PLC-012	PLC-012 H	PLC-024
	PLC-012E/012EP		
Timer	Mechanical Digital 99 min.	Digital 99 min.	Digital 99 min.
Speed control	Analog Microprocessor	Microprocessor	Microprocessor
Lid lock	Yes	Yes	Yes
Brake	Electrical switch	Electrical switch	Electrical switch
Safety shutout	Yes	Yes	Yes
Chamber	Stainless steel	Stainless steel	Aluminum
Motor	Brush 80W	Brush 80W	Brush 250W
Chamber	Stainless steel	Stainless steel	Aluminum
Rotor available	As below	As below	H-1050 H-2415



Technical Data:

- PLC-012 series provides versatile rotors that allow you to process different applications and save your cost.
- Variable speed control for all purposes sustains to separate substance, remove moisture or simulate gravitational effects.
- Air intake holds in the cap help keep centrifuge cool during the extended use.
- Durable cabinet in constructed of heavy gauge steel with powder coating ensures scratch free and erosion free.
- Safety locking latch and inter switch shut off motor automatically when lid is opened during spinning.
- Rotor changes are fast and simple with the quick-release rotor nut with an attached hexagon wrench.
- Modular electronic circuit easy for handling and maintenance.
- Press toggle switch and Brake to the complete stop within 15 – 20 seconds.

Rotor available:

Rotor	Capacity (ml)	Max RPM / RCF		Suggested tubes
		PLC-012/ 012E/012EP	PLC-012 H	
A-0815	8 x 15 (or 10)	6400rpm / 4900 x g	7280rpm / 6251Xg	16x100 or 17x120mm (10 or 15ml)
A-1215	12 x 15 (or 10)	5700 / 4180	6745 / 5773	16x100 or 17x120mm (10 or 15ml)
A-2405	24 x 5.0ml	6400 / 4715	7525 / 6490	12 x 75ml, round bottom
F-1615 Eppendorf	16 x 1.5ml	11000 / 12175	11215 / 12655	1.5ml microtubes
F-2406 Eppendorf	24 x 0.6ml	11000 / 12175	11270 / 12780	0.6ml microtubes
F-2415 (capillary)	24 x 0.75ml	12000 / 14490	12000 / 14490	1.2 x 75mm Capillary tube
H-0450	4 x 50ml	5000 / 3500	6830 / 6128	30 x 115mm
S-0815 swing out	8 x 15ml	N/A	6170 / 6256	17 x 120mm round bottom

PLC-024	H-1050: Max 3700 rpm / RCF 2668 x g	Suggested tubes: 16x100mm or 17x120mm round bottom
	H-2415: Max 3600 rpm / RCF 2890 x g	

Universal Centrifuge

PLC-025

Features:

- Brush-less induction drive
- Swing-out rotor (Horizontal) + Fixed angle
- RPM / RCF conversion automatically
- Imbalance alarm & shutout
- Interlocking lid system
- Lid-open override device
- Errors detection
- Automatic braking system
- Low noise dB
- User-Friendly & sophisticated design
- Emergency STOP



PLC-025

Specifications:

Overall dimension	36 x 45 x 29.5cm
Net weight	20.4 kg (44.88 Lbs)
Speed range	Max 5000 rpm adjustable, digital display
Max RCF	4124xg at 5000rpm or 2640xg at 4000rpm
Motor	Brush-less, 300W
Timer	Digital, 99 min, 2-digits
Errors detection	6 causes (E-1 → E-6), alarm & shutout
Brake	Automatic, less than 1 min.
Indicators	Spin, Alarm, Lid Lock, SV, RPM, RCF
Max capacity	240 ml.
Overheat, overload	Alarm & shutout

Swing-out Rotor Bucket (Ordering information)

Bucket	Capacity / Tube	Max RPM	Max RCF
M-1560	1.5ml x 60	4000	2639xg
M-2260	2.2ml x 60	4000	2639
M-0548	5.0ml x 48	4000	2639
T-1516	15ml x 16	5000	4124
T-5004	50ml x 4	5000	4124



T-1516



T-5004



H-1615

Fixed angle Rotor: H-1615 : 15ml x 16

Technical Data

- Sophisticated module electronic circuit for easy maintenance.
- Stainless steel chamber easy for cleaning ensuring to be free from contamination.
- Automatic imbalance detection system prevents damage by gently bringing rotor to a stop.
- Automatic braking system brakes to complete stop gently within 1 min when the set time is elapsed.
- "LID LOCK" lamp illuminates when the lid is locked properly.
- Convert RPM and RCF readings automatically from one to the other, convenient for choice to meet your application.
- Electric interlocking system prevents the lid open during operation. Press button of LID OPEN before opening the lid.
- Lid can't be opened in case of the failure of the mains power. Lid-open override system is designed to open the lid manually.
- Button STOP functions to stop spinning against the emergency.
- Features Errors detection: Rotor Imbalance、Disengaged Connector、Overload、Driver overheat、Motor overheat.
- Brush-less induction drive creates quiet operation and maintenance free.



Universal Centrifuge

Model : PLC-036 [RoHS and Universal Multi-voltage 100 – 240V]

Features:

- RoHS compliant
- Universal multi-voltage available from **100V – 240V**
- Rotor imbalance detection & alarm
- Electronic interlocking lid safety device
- Versatile rotors for selection, interchangeable.
- Automatic braking system
- Emergency STOP
- Microprocessor-based control system
- Stainless steel interior chamber
- A transparent viewfinder on top to monitor the rotor spinning when lid is used.
- Unless covered with lid, the motor can't spin when shut out power.
- A WARNING is labeled on top of lid



PLC-036

Specifications:

Overall dimension	320 x 400 x 310mm approx.
Net weight	16 kg (not include rotor) or 35.2 lbs.
Chamber	Stainless steel
Rotor type	Various (Interchangeable)
Speed indicator	Yes, 3-digit, LED digital
Speed control	Microprocessor
Timer	2-digits, 99 min. LED digital
Power source	Universal 100V ~ 240V, 50-60HZ

Motor	80W
Imbalance detection	Yes, alarm & brake
Brake	Automatic braking system
Safety interlocking lid	Yes
Lid open override device	Yes, manual
Overheat alarm	Yes
Emergency STOP	Yes
Safety shutout device	Yes, when lid is open

CAUTION: (IMPORTANT NOTICE)

- WARNING: Do Not Open Lid only until Rotor is completely STOPPED
- Important Notice: To prevent personnel injury, flammable or explosible solutions are strictly prohibited (GEMMY will not ensure the responsibility if user violated the above regulations.)

Technical Data

- Stainless steel interior chamber easy for cleaning and ensures contamination free.
- Automatic imbalance detection system alarms & prevents damage by gently bringing rotor to a complete stop.
- Overheating sensor detects temperature of motor and driver. Stop spinning to protect your samples.
- Interlocking lid system prevents accidental opening during operation. Manual override lets you open lid in case of power failure.
- Lid can be opened only when the rotor is completely stopped and power must be switched on. Safety device to shut off motor when lid is opened.
- Automatic braking system brakes to complete stop gently when the set time is elapsed, preventing test tubes from damages.
- Module microprocessor-based circuit board ensures excellent performance and easy for maintenance.
- LED digital set and display for speed and time.
- Versatile rotors interchangeable for your choice according to your application.
- A transparent viewfinder on top easy for you to monitor the rotor spinning.

Rotor ordering information
Max speed set Upper LIMIT

Rotor	Tubes	Max RPM / RCF
A-0815	15ml x 8	6400rpm/4900xg
A-1215	15ml x 12	5700 / 4180 x g
A-2405	5ml x 24	6400 / 4715 x g
A-6006	0.6ml x 60	8300 / 6160 x g
A-2415	1.5ml x 24	7200 / 4640 x g
H-0450	50 ml x 4	5000 / 3300 x g
F-1615	1.5ml x 16	11000/ 12175 x g
F-2406	0.6ml x 24	11000/ 12175 x g
F-2415	0.75ml x 24	12000/ 14490 x g



Micro Haematocrit Centrifuge



Specifications:

Model	KHT-410E	PLC-012E	KHT-430B	KHT-430	KHT-400
	KHT-410	PLC-012	PLC-012B		
Dimension (mm)	25 x 29 x 24 25 x 26.5 x 24	31 x 36 x 31	31 x 36 x 31	31 x 36 x 31	25 x 26.5 x 24
N. Weight (kg)	11.2 10.2	15.5	15.2	15.2	7.4
Brake	Toggle switch	Toggle switch	Automatic	Toggle switch	Toggle switch
Max speed (±10%)	12000 rpm	0 – 12000 rpm	12000 rpm	12000 rpm	12000 rpm
Max RCF	14490 x g	14490 x g	14490 x g	14490 x g	14490 x g
Timer	Digital 99 min	Digital 99 min	Digital 99 min.	Digital 99 min	Mechanical 60 min
	IC 30 min	Mechanical 60 min	Digital 99 min		
Safety locking lid	Yes	Yes	Yes	Yes	Yes
Rotor	F-2415	F-2415	F-2415	F-2415	F-2415
No. of tubes	24 capillary	24 capillary	24 capillary	24 capillary	24 capillary

Capillary tube: 1.1 – 1.2mm (I.D.), Wall 0.2mm + 0.02mm, Length 75mm

Quality Standard: ISO9001/13485, CE marking, GMP, FDA

Optional accessory: Capillary tubes of Heparinized or anti-Heparinized, and Closure for capillary tubes.

Technical data

- Fast acceleration to 12000 rpm.
- Press toggle switch to brake within 15 – 20 seconds. KHT-430B and PLC-012B come with automatic brake.
- Equipped with safety switch to cutoff automatically when lid is opened during operation.
- Transparent viewer on top provides an easy investigation of rotor running.
- The rotor lid for haematocrit testing is easy to install and remove.
- Includes a Reading scale as standard accessory.
- Set your desired time and press button START to start spinning.
- Provides a laboratory test in field of biochemistry, microbe immunity genetics, blood separation, Jaundice and also a general clinic test to hematocrit value PCV, which defines the percentage of Red blood Cells against the whole body reflecting the status of Red Blood Cells. May be used to detect the percentage of anemia or polycythemia.
- Choice of different models to meet your requirement of cost and function.

Specifications are subject to change without advanced notice.

GEMMY INDUSTRIAL CORP.
REMMY INSTRUMENTS CORP.
The Leader in Taiwan

Vortex Mixer

Model	VM-300	VM-300P
Dimension	130 x 165 x 180mm	145 x 170 x 185mm
Eccentric Ø	5.6mm	4.2mm
Modes	Touch / Switch	Touch / Switch
Speed (single tube)	3150 rpm	3200 rpm
Speed (3" pad)	1800 rpm	1500 rpm
Standard accessory	Single tube head	Single tube head
Optional accessory	3" multi-tube head	3" multi-tube head
Net weight	5.0 kg	3.8 kg

Features:

- Various speed controls to the maximum of 3150rpm, provided gentle or vigorous vortexing for your mixing needs.
- 2 interchangeable mixing head, i.e. Snap on the 26mm diameter rubber cup head for conventional single tube mixing, or a 3" diameter platform pad for multiple tubes and one flask mixing.
- 2-mode operation features "TOUCH" for intermittent operation, or "SWITCH" activated operation at the flip of a switch for continuous mixing.
- Stirring intensity can be controlled in "TOUCH" mode by applying the pressure to the mixing pad.
- User-friendly design capable of sustaining to prevent mixer from slipping and creeping due to the vibration.



Pipette Shaker

Specifications:

Model	PS-2A	PS-8B
Dimension	140 x 170 x 155mm	175 x 160 x 115mm
Capacity	6 places	8 places
Timer	Yes	N/A
Net weight	2.4 kg	1.6 kg

Features:

- Equipped with 2-prong pipette clamp for 6 (or 8) pipettes operation.
- PS-2A features 2-mode operation, i.e. Switch activated for continuous operation, or Timer activated operation to preset time up to 60 minutes. Turn switch to ON position for continuous operation, or turn to TIME position then dial present your desired time for intermittent operation.
- Pilot lamp indicates the power is switched on when the continuous operation is starting.
- PS-8B features various speed controls by turning the speed regulator.
- Inexpensive cost ideal for laboratory clinic or education.



Orbital Shakers



Specifications:

Model	VRN-200	VRN-210	VRN-360	VRN-480
Overall dimension	292 x 292 x 175mm	215 x 200 x 130mm	300 x 320 x 200mm	400 x 200 x 216mm
Platform dimension	263 X 263mm	215 x 175mm	263 x 263mm	422 x 282mm
Speed range	75 x 250 rpm	75 x 250 rpm	75 x 250 rpm	40 – 400 rpm
Orbit size (dia.)	21mm	21mm	21mm	25.4mm
Load at 100 rpm	1 kg	1 kg	1 kg	15 kg
Net weight	4.2kg	2.2 kg	3.2 kg	14.8 kg
Speed readout	N.A.	N.A.	Tachometer	Tachometer LED
Eccentric	One	One	One	3
Operation	Switch / Timer	Switch / Timer	Switch / Timer	Switch / Timer
Fixed speed	130rpm	130rpm	130rpm	130rpm

VRN-480

Flask clamps (ordering information)

Code	Flask	Ø of flask	Total Qty held
GE-125-15	125ml	71mm	15 pc
GE-250-11	250ml	85mm	11 pc
GE-500-06	500ml	107mm	6 pc

Features:

- Economical, yet designed for long-term uniform mixing. Ideal for mixing test solutions in micro-titration assays, and also for use in hematology, urology, or EIA/ELISA immunology. Applications for *Alpha, Kline, Mazzini, Syphilis, Pregnancy* and others.
- Textured non-slip rubber foam mixing pad holds various sizes of printed well slides, culture plates, flasks, and test tube racks by means of friction.
- Set speed from 75 – 250rpm. Also designed for fixed speed shaking at 130rpm or any other values of fixed speed that can be self-adjustable.
- Lighted ON/OFF switch makes it easy to see if unit is operating.
- Contoured platform allows VRN-210 to hold three 96-well micro plates and six plates for VRN-200 and VRN-360.
- Operate continuously or set time for intermittent shaking up to 60 minutes.

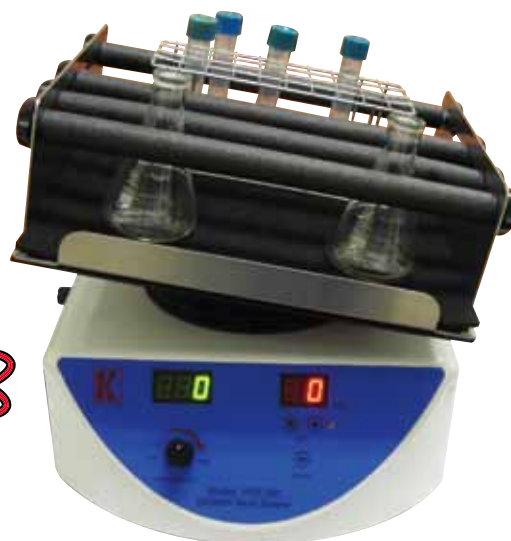
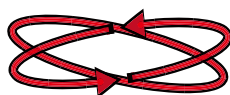
VRN-480

- Triple eccentric drive mechanism and counterbalance provide a vibration free 3/8" orbit at high speeds, even under heavy or imbalanced loads. The solid-state controlled shaker speed is from 40 – 400 rpm.
- Choice of platforms i.e. Non-clamp or platform includes four-prong stainless steel clamps to hold Erlenmeyer flask.
- Unit displays speed on an analog tachometer or a 3-digit LED. Speed readout helps improve the repeatability of your test procedures.
- The shaker platform rotates on six permanently lubricated, sealed ball bearings. The entire drive, housed in a precision machine, sits on four cushioned feet that prevent creeping
- Set switch for continuous operation or set time for intermittent operation for timed shaking up to 180 minutes.
- Quiet operation with very low dB.

Rocking Shakers

3-Dimensional Motion

Model: VRN-380A
VRN-380B



Specifications:

Model	VRN-380A	Digital timer 99min. & HOLDE+ Digital Tachometer + Brushless motor
	VRN-380B	Mechanical timer 180min.& HOLD + Dial speed meter + Brush motor
Overall dimension	305 x 325 x 190mm (WxDxH)	
Platform dimension	300 x 300mm (11.81" x 11.81")	
Speed range	30 – 300 rpm adjustable	
Shaking angle	0, 5, 10, 15, 20 degree, adjustable	
Orbit size	18mm diameter	
Maximum load	3 kg (7.5 Lbs.)	
Shipping weight	15kg (6.8 Lbs.)	
Power supply	220V (±10%), 50/60Hz	
Standard accessory	Nonslip rubber mat	
Optional accessory	Clamping strips. Positions adjustable	

Optional Accessory: Clamp for flasks



Loading capacity:

Rubber dimpled platform accepts different sized centrifugal tubes simultaneously that does not need the additional racks or clamps.

- 96-well Microplate: 6 pc
- 10/15ml centrifugal tubes: 26 pc (Ø16mm or 17mm)
- 5ml centrifugal tubes: 51 pc (Ø13.0mm)
- 2ml centrifugal tubes: 114 pc (Ø10.8mm)
- 1.5ml Eppendorf tubes: 114 pc(Ø10.8mm)
- 0.6ml Eppendorf tubes: 160 pc (Ø 7.9mm)

Technical Data:

- Rocking motion shakers provide a rocking motion or a consistent 3-dimensional rocking motion. Use for gentle and uniform mixing of blood samples, cell suspensions, dye fixations and solutions in test tubes, flasks, or bottles. Ideal for applications requiring gentle, low-foaming agitation and uniform mixing of lab samples – immunoassays, hybridizations, mixing blood samples, cell cultures and DNA extractions.
- Select from fixed-speed, fixed-shaking angel or adjustable-speed angle give you maximum control over sample agitation to meet your application purpose.
- Comes with a 30 x 30cm dimpled non-slip rubber mat suitable for different tubes simultaneously. Apply to different tubes up to 11mm diameter.
- Adjustable "tilt" lets you choose rotation angle and circulate liquid up/down/sideways and around ensuring complete mixing.
- Digital timer up to 99 minutes display and adjustable with 1 minute resolution.
- Shaking angle from horizontal to 20°. Variable speed controls let you adjust the exact agitation desired for staining, blotting and hybridization.
- Designed for molecular biology applications requiring constant rocking.

Hot Air Sterilizer Oven



Specifications:

Model	YCO-010 Series	YCO-N01 (Analog)	YCO-N01 (Digital)
Capacity (Liters)	16, 25, 36, 40, 57, 75, 90, 110, 150, 200, 250 L.	16, 34, 53, 75, 90, 110, 150, 200 L.	
Temperature range	Ambient + 5°C to 250°C	Ambient + 5°C to 250°C	
Timer	Digital, 9hr.59min + HOLD	Mechanical, 180 min. + HOLD	
Standard accessory	2 stainless steel shelves	2 stainless steel shelves, adjustable	
Control system	Microprocessor	Analog	Microprocessor
Temperature control	PID	ON/OFF	PID
Temperature setting / Display	Digital	Analog	Digital
Temperature uniformity	±3°C at 180°C	±8°C at 180°C	±3°C at 180°C
Temperature stability	±0.1°C at 180°C	±5°C at 180°C	±0.1°C at 180°C
Resolution	1°C	1°C	1°C
Sensor	"K" type	Hydraulic expanded	"K" type
Over-heat alarm & shutout	Yes, 10°C to the set point	At 220°C	Yes, 10°C to the set point
Air convection	Forced convection by fan	Natural (Gravity)	Forced convection by fan
Quality standard	ISO, CE, GMP, FDA, Japan	ISO, CE, GMP, FDA, Japan	ISO, CE, GMP, FDA, Japan

All measurements are approximated which may be varied under the different operation environment.

Technical Data:

- GEMMY Hot Air Sterilizer Oven is designed for general application in variety of baking, drying, conditioning, preheating, curing for dry content analysis, chemical resistance studies, glassware drying, dry sterilizer etc.
- All equipment features double wall construction for durability and good heat retention.
- Heavy-gauge glass fiber insulation sustains to prevent the heat loss and maximize energized efficiency.
- The height of stainless steel wire-rod shelf is adjustable in order to meet the sample dimension.

YCO-010 (YCO-N01 Digital)

- Functions preheating with timer working only when the actual temperature arrived at 2°C below set point.
- LED digital set and display for Power, Heating, PV, SV, Alarm, Timer and Operation easy for investigation.
- Adjustable fresh air inlet port at bottom and top providing control of the amount of convective air.
- Quality surface treated by powder coating ensures scratch free and corrosion free.
- Safety devices:
 - Over temperature alarm and shutout device to 10°C above the set point.
 - Sophisticated design to shut off power protecting sterilizer from excessive heating at 220°C if primary control fails.
 - Optional for no-fuse current leakage breaker with O.C. for extra cost.
 - Audible & visible alarm indicated by indicator.
- Timer stop counting when PV is 5°C below SV after stabilization if door is opened, the memory will store the past time and start to count when the PV value returns to 2°C below SV.

YCO-N01

- This model is designed when the cost is the major consideration to the users.
- Gravity convection is used when the accurate temperature control and uniformity are not critical important to users and your samples can't be disturbed by air current.
- A mercury thermometer is mounted on top of the equipment providing temperature direct reading.

**GEMMY INDUSTRIAL CORP.
REMMY INSTRUMENTS CORP.**

Lab Incubator



IN-010

IN-601 (Digital)

IN-601

Specifications:

Model	IN-010 Series	IN-601 (Analog)	IN-601 (Digital)
Capacity (Liters) (Other capacity is available too.)	16, 25, 36, 40, 57, 75, 90, 110, 150, 200, 250 L.	16, 34, 53, 75, 90, 110, 150, 200 L.	
Temperature range	Ambient + 5°C to 75°C	Ambient + 5°C to 75°C	
Timer	Digital, 99hr.59min + HOLD*	Mechanical, 180 min. + HOLD*	
Standard accessory	2 stainless steel shelves	2 stainless steel shelves, adjustable	
Control system	Microprocessor	Analog	Microprocessor
Temperature control	PID	ON/OFF	PID
Temperature setting / Display	Digital	Analog	Digital
Temperature uniformity	±2°C at 37°C	±5°C at 37°C	±2°C at 37°C
Temperature stability	±0.1°C at 37°C	±3°C at 37°C	±0.1°C at 37°C
Resolution	0.1°C	1°C	0.1°C
Sensor	PT-100	Hydraulic expanded	PT-100
Over-heat alarm & shutout	Yes, 4°C to the set point	At 80°C	Yes, 4°C to the set point
Air convection	Forced convection by fan	Natural (Gravity)	Forced convection by fan
Quality standard	ISO, CE, GMP, FDA, Japan	ISO, CE, GMP, FDA, Japan	ISO, CE, GMP, FDA, Japan

All measurements are approximated which may be varied under the different operation environment.

*HOLD: Means the continuous operation without timer count.

Technical Data:

- GEMMY Laboratory Incubator is designed for microbiological studies for tissue culture and viruses incubation.
- All equipment features double wall construction for durability and good heat retention.
- Heavy glass fiber insulation sustains to prevent the heat loss and maximize energized efficiency. (Rock wool or asbestos can create respiratory disease and cancer)
- The height of stainless steel wire-rod shelf is adjustable in order to meet the sample dimension.
- A viewfinder (window) made by temper glass mounted on front door easy for monitoring specimens, which ensure to prevent from the possible broken glass door and also do not require to open door for monitoring samples.

IN-010 (IN-601 Digital)

- Functions preheating with timer working only when the actual temperature arrived at 2°C below set point.
- LED digital set and display for Power, Heating, PV, SV, Alarm, Timer and Operation easy for investigation.
- Adjustable fresh air inlet port at bottom and top providing control of the amount of convective air.
- Quality surface treated by powder coating ensures scratch free and corrosion free.

- Safety devices:

- Over temperature alarm and shutout device to 4°C above the set point.
- Sophisticated design to shut off power protecting sterilizer from excessive heating at 220°C if primary control fails.
- Optional for no-fuse current leakage breaker with O.C. for extra cost.
- Audible & visible alarm indicated by indicator.
- The word "END" will display when the incubation cycle is completed while alarm is working.

IN-601

- Gravity convection is used when the accurate temperature control and uniformity are not critical important to users and your samples can't be disturbed by air current.
- A mercury thermometer is mounted on top of the equipment providing temperature direct reading.
- A unique door gasket is efficient to retain the heat so as to prevent the heat loss.

Laboratory Shaker Incubator

Model: IN-666



INCUBATOR

Capacity	Capacity	Chamber	Heating element	Platform for shaker
Dimension	75 L.	495 x 420 x 370mm	350 W	485 x 420mm
Heater	90 L.	495 x 420 x 440mm	350 W	485 x 420mm
Platform for shaker	110 L	550 x 440 x 460mm	500 W	545 x 435mm
	150 L	550 x 440 x 620mm	500 W	545 x 435mm
Working temperature	Ambient + 5°C to 75°C adjustable			
Temperature uniformity	±2°C at 37°C			
Temperature stability	±0.1°C at 37°C			
Temperature control	PID			
Sensor	PT-100			
Resolution	0.1°C			
Lamp	Yes, 23 W			
Timer	LED digital set and display, 99 hours 59 minutes + HOLD (indefinite)			
Indicators	LED lamps for Power, Heat, PV, SV, Alarm, Time, Operation, Speed			
Safety devices	- Over heat alarm & shutout to 2°C above set point. - Memory to store the temp and the past time if door is opened during operation.			
Standard accessory	2 stainless steel shelves + 1 stainless steel platform & rubber sheet for shaker			
Optional accessory	Stainless steel clamp for flasks 125ml, 250ml, 500ml			
Quality standard	ISO9001, ISO13485, CE marking, GMP, FDA			

- Designed for microbiological studies for tissue culture and viruses incubation.
- Heavy duty and double-walled enclosure for durability and good heat retention. The outer housing is finished by powder coat with baked enamel. Stainless steel SUS#304 interior chamber ensures corrosion and scratch free.
- The fiberglass insulation with silicon (or EPDM) door gasket prevents heat loss and maximizes energized efficiency.
- A viewing window made by tempered glass on door and also interior lamp allows for monitoring sample without opening door to disturb chamber environment.
- System will suspend incubating and shaking action when door is opened during operation. The memory will store the remaining time.
- Timer suspends counting should chamber temperature is 5°C below set point until the temperature returns to set point.
- When the entire cycle is completed, the words "END" will display on the screen and alarm sounds.

SHAKER

- Triple eccentric drive mechanism with 6 lubricated and sealed ball bearings produces a 1" diameter circular motion and is counter-balanced to ensure smooth, vibration-free operation at any speed even under heavy or imbalanced loads.
- A 25W motor is isolated by a metal plate to prevent possible damage caused by spilled liquid or broken glass.
- The shaking action will stop should door is opened during operation.
- Platform is available for various types of vessel, bottles, flasks and 96-well microplate.

Platform	75 L	485 x 420mm			
	90 L	485 x 420mm			
	110 L	545 x 435mm			
	150 L	545 x 435mm			
Orbit diameter	Ø 25.4mm (1")				
Speed, digital display	40 – 400 rpm adjustable				
Clamp (Option)	Flasks	75 L	90 L	110L	150L
	125ml	20 pc	20 pc	24 pc	24 pc
	250ml	16 pc	16 pc	20 pc	20 pc
	500ml	9 pc	9 pc	12 pc	12 pc

Portable Suction Units

(Battery Operated Suction Units)



Specifications

Model	SU-990 (New)	SU-991 (New)	SU-660	SU-510	
			SU-770		
Dimension (MM)	200 x 350 x 205	200 x 350 x 205	435 x 200 x 255 320 x 145 x 240	450 x 250 x 310	
Vacuum Pump	Oil-less	Oil-less	Oil-less	Oil Rotary	Oil-Less
Airflow rate (approx.)	15 – 20 L/min	15 – 20 L/min	15 – 20 L/min	80 L/min	28-33 L/min
Vacuum range (±10%)	0 – 600mmHg	0 – 600mmHg	0 – 600mmHg	0 – 700	0 – 680
Overflow preventive fitting	Yes	Yes	Yes	Yes	
Collection bottle (plastic)	1000ml x 1pc	1000ml x 1pc	1000ml x 1pc	1000ml x 2pc	
12V battery operation	3 – 3.5 hrs	N.A.	N.A.	N.A.	
Standard accessory	Suction tubing + 1000ml jar	Suction tubing + 1000ml jar	Suction tubing + 1000ml jar	Suction tubing x 2 + 1000ml jar	
Optional accessory	Bacteria filter	Bacteria filter	Bacteria filter	Bacteria filter	

Features :

- Equipped with oil-less diaphragm or piston vacuum pump ensures lubrication free and maintenance free
- A 1000ml autoclaveable plastic collection jar graduated in “ml” with fluid overflow preventive stopper.
- Built-in vacuum gauge ranges 0 – 760mmHg (0 – 30inHg) easy for direct reading.
- All models are CE-certified complied with EC electromagnetic compatibility requirement of EN60601-1-2.
- Classified the equipment as Class IIa.

SU-510

- Choice of oil rotary vane pump or oil-less piston vacuum pump to suit your intended purpose.
- Comes with 2 plastic collection jars incorporated with overflow preventive stopper.
- Comes with footswitch providing another choice of operation for intermittent and continuous suction procedure.

SU-990 : (Battery Rechargeable for EMERGENCY purpose)

- Comes with plug-in cable available for use in ambulance, car or anyplace where 12VDC is available for emergency purpose.
- Equipped with a Sealed Lead-Acid 12V rechargeable battery and an automatic charging system to function a fully automatic power charge at the same time when AC mains power is used.
- 3 to 1.5 hours are available for operate from the full charge of battery. Or optional for battery capable of 3 – 3.5 hours. Ideal for use in areas where the failure of mains power, unstable current or the blackout occurs every often.
- 3-steps switch for SU-990 functions Suction · OFF and Charge.
- SU-991 is operated in AC and DC power and/or also applied to operate in ambulance and car by the attached plug-in cable adaptor, but no battery is equipped.

Mobile Suction Units



SU-305

SU-305P

SU-510-1

Specifications

Model	SU-305 / 306		SU-305P		SU-510-1	
Overall dimension	640 X 395 X 825mm		500 x 420 x 885mm		455 x 300 x 710mm	
Vacuum pump	Oil rotary	Oil-less	Oil rotary	Oil-less	Oil rotary	Oil-less
Cylinder (Piston pump)	NO	2	NO	2	NO	1
Wattage	191 W	270 W	191 W	270 W	191 W	200 W
Max airflow (±10%)	80 LPM	75-85 LPM	80 LPM	75-85 LPM	80 LPM	28-33 LPM
Max vacuum (±10 mmHg)	710mmHg	680mmHg	700mmHg	680mmHg	710mmHg	680mmHg
Net weight (approx.)	35.3 kg	33.2 kg	28.3 kg	26.0 kg	23.5 kg	19.3 kg
Collection jars	3000ml plastic jars		3000ml plastic jars		1000ml plastic x 2pc	
Overflow prevention	Yes		Yes		Yes	
Standard accessory	Jars x 2 + Footswitch x 1 Silicon Suction tubing x 1		Jars x 2 + Footswitch x 1 Silicon Suction tubing x 1		Jars x 2 + Footswitch x 1 Silicon Suction tubing x 1	
Optional accessory	Bacteria filter; suction cup Cannula tube set		Bacteria filter; suction cup Cannula tube set		Bacteria filter; suction cup Cannula tube set	
Quality standard	ISO9001, ISO13485, GMP, CE		ISO9001, ISO13485 GMP, CE		ISO9001, ISO13485 GMP, CE	

Features:

- User-friendly design, ideal for use in operation theater room or general wards providing an efficient performance such as suction biopsy, surgery, endometrical curette, OB/GYN and abortion etc.
- SU-305 features a storage cabinet on back, convenient for storing accessories and tools.
- Built-in vacuum gauge with a range from 0 – 760mmHg (0 – 31 inHg) for direct readout.
- Provided with autoclave-able polycarbonate bottles graduated in ML incorporated with over-flow preventive fitting.
- Changeover to another bottle by turning the control knob LEFT-RIGHT for suctioning to the corresponding bottle.
- SU-305P features one piece molded exterior body made by compact fiberglass for superior resistance to rust, chop and corrosion easy for cleaning.
- Mounted by 4 rubber anti-static wheels with 2 locking facility.
- Strong vacuum aspiration regulated from 0 to the maximum capable of sustaining of performing all purposes.
- Silicon suction tubing is autoclave-able and reusable.
- Low noise operation for use in hospital ward and theater room.
- Built-in an Anti-influx valve to avoid the fluid from flowing back to pump.

Roller Mixers

3-Dimensional Rocking & Rolling.

Model: VM-370



Features:

- GEMMY Roller Mixers have been designed with functions, reliability and safety in mind, providing a gentle and quiet rocking and rolling mixing at a fixed speed of 40rpm for blood samples, Reagents, viscous substances and others hat rocking and rolling action is required.
- The rocking and rolling action is motioned simultaneously by the built-in POM gears quietly and smoothly.
- 19mm diameter eccentric to produce 3- dimension rocking at both sides.
- Operate continuously or set time for intermittent operation up to 180minutes.
- Operation environment:
 - Temperature: 4°C – 60°C
 - Humidity: 40% – 90%
 - Sea level altitude: ≤ 4000 meters
 - Atmospheric pressure range: 700hPa to 1060hPa.
- Available for most sizes of tubes, Bijoux, universals and bottles.
- Rollers are alkaline and acid resistance.

Standards:

Model	VM-370
Overall dimension	450 x 300 x 125mm approx.
Net weight	7 kg (17.5 Lb.) approx..
Roller number	7 rollers
Roller size	32mm (Ø) x 320mm (L)
Speed	Fix at 40rpm (±3rpm)
Motor	Gear motor 24V, 5.17W
Timer	Mechanical 180 minutes
Operation	Choice of Continuous and Intermittent
Rocking range	19mm diameter
Max load	5 kg (11 Lb.)
Current	110V/0.4A; 220V/0.23A
Power source	110V, 220V, 50/60Hz

GEMMY, The Symbol of Quality

(Specifications are subject to change without advanced notice)

High Pressure Autoclave Sterilizer



SA-232



SA-232X



SA-252F



SA-300VF



TC



SA-300MA



SA-300H



HL-340, 341



HL-342, 343



SA-260FA, 260MA

Specifications

Model	SA-232	SA-232X	SA-252F	SA-300H	SA-300VF	SA-300VM	SA-230MA	SA-230FA
							SA-260MA	SA-260FA
Capacity	16 L.	16 L.	24 L.	40 L.	50 L.	40 L. Class B	16 L. Class B 24 L. Class B	16 L. 24 L.
Temperature (°C)	122°C only	115 – 134	121 – 132	121 – 132	121 – 132	121/135°C	121 , 135 121 , 135	121 , 135 121 , 135
Drying	Manual	Manual	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic

Model	HL-340 / 341	HL-342 / 343	HL-342P	HL-343P	TC series (All stainless steel)
Capacity	49 L / 72 L. Stainless steel	49 L / 72 L.	49 L	72 L	530; 424; 339; 283; 196 143; 113; 83; 77; 56 L.
Temp (°C)	120 – 132°C	120 – 132°C	120 – 132°C	120 – 132°C	121 – 134°C
Auto Drying	Option	Option	Automatic	Automatic	Option

- Ideal for sterilization of wrapped, unwrapped, liquid, surgical tools, metal, labwares etc. in hospital and clinics.
- TC series functions automatic drying, safety lid lock by pressure, automatic water filling, pre-vacuum & Dry vacuum etc. which are optional for extra costs.
- SA-300VM, SA-230MA, SA-260MA are Class B autoclaves.
- Quality guaranteed and services guaranteed.
- Contact us for more details.

Vegetable Capsule

Features :

1. Product made of U.S. produced Polysaccharide Cellulose composite materials. Certified by US FDA with production. Free domestic and export Permit plus analyzed by SGS International Laboratory free of pesticide residues, heavy metals and GMO factors to be a pure plant-nature vegetable capsule.
2. Low moisture content.
3. Higher shelf stability.
4. The requirement for storage condition is low. No cracking even at zero percent humidity and stable at high temperature (below 65°C), will not turning soft. Not require refrigeration for long distance hauling, neither.
5. The spec for the capsule is similar to all sizes of current conventional ones. Therefore, no need to alter these filler machines to meet the filling requirement.



Specifications :

Size	#00	#0	#1	#2	#3	#4
A. Weight (mg) Tolerance	122mg ±10mg	97mg ±8mg	77mg ±6mg	62mg ±5mg	49mg ±4mg	39mg ±3mg
B. Capacity: Volume in ml Power fill density (mg): 0.6g/ml 0.8g/ml 1.0g/ml 1.2g/ml	0.95 ml 570 760 950 1140	0.68ml 408 544 680 816	0.50ml 300 400 500 600	0.37ml 222 296 370 444	0.30ml 180 240 300 360	0.21ml 126 168 210 252
C.Length: -Body (mm) Tolerance (mm) -Cap (mm) Tolerance (mm)	19.8mm ±0.40mm 11.6mm ±0.40mm	18.4mm ±0.40mm 10.8mm ±0.40mm	16.4mm ±0.40 9.8mm ±0.40mm	15.4mm ±0.30 9.0mm ±0.30mm	13.4mm ±0.30 8.1mm ±0.30mm	12.1mm ±0.30 7.1mm ±0.30mm
D.Outside Diameter - Body Tolerance - Cap Tolerance	8.15mm ±0.30mm 8.48mm ±0.30mm	7.34mm ±0.03mm 7.58mm ±0.03mm	6.61mm ±0.03mm 6.82mm ±0.03mm	6.07mm ±0.03mm 6.35mm ±0.03mm	5.59mm ±0.03mm 5.86mm ±0.03mm	5.06mm ±0.03mm 5.33mm ±0.03mm
Total Length After Tolerance	23.3mm ±0.03mm	21.2mm ±0.03mm	19.0mm ±0.03mm	17.5mm ±0.03mm	15.5mm ±0.03mm	13.9mm ±0.03mm

Major ingredient :

Hydroxypropyl Methyl Cellulose (HPMC) (92-95%)
Pure Water (5-8%)

Recommended storage conditions: 59°F ~ 77°F (15°C ~ 25°C); RH 35% ~ 65%

Safety verified by:

1. SGS: Tested in Taipei, Taiwan
2. Certificate of Free Sale: US FDA.
3. HALAL CERTIFICATE: Issued by Shanxi Islamic Association, China

[Associated with American Biotechnology Corporation, USA]



GEMMY INDUSTRIAL CORP.
REMMY INSTRUMENTS CORP.

Office: 7F. No. 106, Min Chuan W. Road, Taipei, Taiwan

Plant: 6F. No. 532、534, Chong Cheng N. Rd.,
San Chong City, Taipei County, Taiwan

Tel: 886-2-25531456

Fax: 886-2-25538389 , 25573218

E-mail: gemmy888@gemmy.com.tw ; gemmy888@ms14.hinet.net

<http://www.gemmy.com.tw>



CE FDA

