

Weighing Technology

Semi-micro / Analytical Balances

Precision Balances / Compact Balances BTA

Standard / Educational Balances

Moisture Balances / Analyzers

UV Spectrophotometer

Accessories, Weights



Semi-micro / Analytical Balances

FEATURES:

- Automatic adjustment to environmental conditions huge, user-friendly weighing chamber
- RS-232 interface
- Easy handling of all procedures
- Direct data transfer into Windows application by Windows direct function
- Various application programs (e. g. formulation, counting, %, density determination)
- Weighing in different units
- Weighing below the balance
- GLP / GMP-conform protocol
- User-defined printing intervals
- Protection cover as standard
- Backlit display (only at 0,1 mg)
- Aluminum die-cast housing
- 2 years warranty
- EU verified on demand



CALIBRATION:

THREE CALIBRATION PROCEDURES:

fully automatic calibration after temperature deviation
fully automatic calibration at user-defined time intervals
calibration per push on the CAL-button with built-in calibration weight



Precision Balances / Compact Balances BTA

FEATURES:

- Automatic adjustment to environmental conditions
- Easy handling of all procedures
- RS-232 interface
- Weighing in different units
- Weighing below the balance
- Direct data transfer into Windows application by Windows direct function
- User-defined printing intervals
- Aluminum die-cast housing
- Backlit display
- 2 years warranty
- Protection cover as standard
- EU Verified On Demand



Standard / Educational Balances

FEATURES:

- Calibration per push on the CAL-button with an external calibration weight
- Solid ABS-housing
- Balances are equipped with a draft protection (not for 0,1 g)
- Stainless steel pan
- Various application programs
- Balances are equipped with level indicator and adjustable feet can be driven with batteries
- 2 year warranty
- Backlit display



Moisture analyzers

FEATURES:

- The large, backlit graphic display for easily read out even under poor lighting conditions
- The huge sample pan allows placing even larger samples on the instrument
- Infrared quartz heater provides effective and homogen drying without interference
- The auto-zero function ensures high accuracy for all measurements graphic display of the drying curves
- 5 different drying modes can be combined with
- 2 stop-functions

ADDITIONAL FEATURES :

- RS232 interface
- 2 years warranty
- Extensive range of accessories

Capacity 65 g

Readability 0.001 g / 0,01%

Reproducibility 0.002 g / 0,05%

Pan size 90 mm

Weighing units weight, %moisture, %solids (%S),
%moisture on dry bases (ATRO %M),
%solids on dry bases (ATO %S)



Capacity : 120 g

Readability : 0.001 g / 0,01 %

Pan size 130 mm

Weighing units : weight, %moisture,
%dry weight (%S), %moisture on dry weight base
(ATRO %M), %solids on dry base (ATO %S)

Internal memory : up to 10 test methods

Calibration: automatic external

Heating source : 640 W, 30°C - 200°C (in 1° steps)

Heating programs : 5 different heating programs

Display : huge, backlit LCD display

All Sizes available as on requirement.

UV SPECTROPHOTOMETER

UV-Visible and Visible Spectrophotometers deliver the precision and reproducibility of advanced optics and electronics for essential quantitative analyses covering a broad range of scientific disciplines. UV / Visible Double Beam Spectrophotometer, UV / Visible Ratio Beam Spectrophotometer, UV / Visible Single Beam Spectrophotometer, Visible Spectrophotometer

FEATURES:

- Spectral Features
- Built-in and Diverse Range of Measurement Modes
- Photometry Mode
- Time Scan
- Wavelength scan
- User Friendly Operation and Information Rich LCD Display
- Powerful UV
- Detective PC Control
- Dual Lamp Advantage
- Validation Functions
- Stand alone or PC Operation



All Sizes,Accessories & Weights are available as on requirement.

ELECTROCHEMISTRY

Portable pH-meter:

- 3-point calibration with automatic buffer recognition
- Automatic temperature compensation
- Best price/performance ratio
- Easy handling and very good readout display
- Hold-function to hold the last measuring result will be supplied with booth rubber carrying case with accessories available
- 2 years warranty**



Portable conductivity meter:

- Easy, robust and mobile measuring instrument, IP 54 conductivity and temperature
- Up to 5-point calibration with automatic buffer recognition
- Electrode with built-in ATC
- Automatic temperature compensation
- Easy handling and optimum readout by large LCD display
- Hold-function freezes last data for easy reading
- Meter will be delivered with protective rubber boot and sturdy built-in stand
- Auto power off function saves battery
- Carrying case with accessories optional available
- 2 years warranty**



The new Rotary Evaporator:

- Easy to read large digital LCD screen displays heating, temperature, rotation, speed and timing
- Speed range from 20 to 280 rpm
- Large 5L water-oil heating bath with heating temperature range of RT to 180°C
- Heating bath with precise temperature control and adjustable safety circuit
- Designed a detachable operating panel allows remote control
- Patented condenser (cooling surface 1,500 cm²)
- with excellent cooling effect
- Motorized lift with quick-action, automatic release evaporating flask to top position in case of power failure
- Adjustable final position recognition to protect operator and sample against breakage
- Evaporating flask with an ejector, convenient to remove
- Available with timer function to precise control processing
- PC can control and document all parameters via RS232 Interface



Laboratory pH/conductivity combination meter:

- Standard Lab pH/conductivity meter for pH, mV, conductivity, TDS, salinity, resistance and temperature
- 4-cell conductivity electrode
- Automatic temperature compensation
- Huge, backlit graphic display
- GLP-function
- Set up is password protected
- Up to 6-point calibration with automatic buffer recognition
- GLP-memory for 500 datas with autolog-function
- Alarm when calibration is due
- Bi-directional RS 232-interface
- Electrode arm can be used on either side
- Slide-out quick reference guide
- 2 years warranty**



Laboratory bench top pH-meter:

- Standard Lab pH-Meter for pH and mV
- Automatic temperature compensation
- Oversize, informative graphic display
- Quick and easy electrode diagnosis
- Password protection for setup and calibration
- Up to 6-point calibration with automatic buffer recognition
- Memory holds up to 500 datas in GLP-compliance
- Alarm when calibration is due
- Bi-directional RS 232-interface
- Electrode arm to be used on either side
- Slide-out quick reference guide
- 2 years warranty**



Laboratory bench top conductivity meter

- Standard Lab conductivity meter for conductivity, TDS, Salinity, resistance and temperature
- 4-cell electrode
- Automatic temperature compensation
- oversize, informative graphic display GLP
- Password protection for setup and calibration up to 5-point calibration with automatic buffer recognition
- GLP-compliance memory holds up to 500 datas
- Alarm when calibration is due
- Bi-directional RS 232-interface
- Electrode arm to be used on either side
- Slide-out quick reference guide
- 2 years warranty**



Accessories are Available

LIQUID HANDLING

Pipettes, variable volume and fix single- and multichannel, 8 & 12 Channel pipettes:

- Lightweight, ergonomic, low force design suitable for both left and right-handed users
- Easy to calibrate and maintain with tool supplied fully autoclavable (model LHP2 only)
- Calibration certificate according to DIN ISO 12650
- Easy volume adjustment
- Smooth tip ejection
- Compatible with a wide range of tips
- **2 years warranty**



Pipette calibration:

To secure your quality in the lab we are offering a calibration service according to DIN EN ISO 8655 for all your pipettes. It goes without saying that we do the calibration for the pipettes of other manufacturers as well. Our technicians make sure, that you will achieve precise and reliable results with your pipettes within a little while.

Dispenser

The dispensers covers a volume range of 0,5-50 ml. They have an excellent chemical resistance and are fully autoclavable at 121 °C. They are easy to clean and maintain.

The well-priced pipette controller can be used for all pipettes up to 100 ml. It is robust, but lightweight, easy to use and allows comfortable and precise pipetting. It has an integral and replaceable 3 µm Filter



Accessories of Dispenser and Pipette Controller

Electronic pipette filler for all pipettes up to 100ml:

- The strong pump of the LHP-PH 01 offers 8 different aspirate speeds.
- The LCD-Display indicates the speed as well as the status of the rechargeable accu.
- Aspiration and discharging will be controlled by two different knobs.
- The capacity of the strong accu is approx. 12 hours without charging.
- The controller is equipped with a built-in hydrophob filter which is replaceable.
- A fatigue-proof over hours is not a problem.
- The units are delivered with charging cable and wall-holder.



Pipette Tips & Stand:

Phoenix top pipetting performance through innovative design and high quality production. Manufactured under clean-room conditions, these flawless tips are 100% contamination-free, preventing experiment inconsistencies and failures.

PIPETT TIPS RANGE: 0.5µL to 20 mL.

LHP-PS01 : Pipette stand linear, for 5 Pipettes

LHP-PS02 : Pipette stand round, for 6 Pipettes



STIRRER, MIXER AND SHAKER

Magnetic stirrer

- Magnetic stirrer of the latest generation
- Connector for PT-1000, integrated control function
- Digital adjustment with backlit Display
- RS 232 to control the stirrer and to display
- All parameter via Computer
- Adjustable safety temperature (100-350°C)
- Indicator for hot surface, even when stirrer is shut-off
- comprehensive range of accessories
- **2 years warranty**



Budget – Magnetic stirrer

- LED-Display for accurate regulation of speed and temperature
- Digital controled speed and temperature
- Indicator for hot surface, even when the stirrer is shut-off
- Connector for PT-1000
- Integrated temperature control function
- Compact construction, sealed
- Housing (IP42)
- **2 years warranty**



Magnetic stirrer with glass ceramicplate

- Sturdy full metal housing
- Backlit digital display or LED
- Glass ceramic hotplate
- Selectable safety temperature (RSM-05H)
- Hot plate warning
- Connector for PT-1000
- Integrated control function, no contact thermometer necessary
- RS-232 Interface (RSM-05H)
- High stirring volume, up to 20l with RSM-05H
- **2 years warranty**



10-channel magnetic stirrer

- 10-channel magnetic stirrer
- Model RSM-03-10KH with hotplate
- Sturdy construction (IP 42)
- Stepless speed regulation
- Stainless steel plate with silicone films,
- Anti-slip and anti-corrosion
- Uniform temperature distribution
- **2 years warranty**



Rocking shaker RS-RR10 and 3D-Shaker

- Gentle sample mixing
- Sturdy construction
- Backlit display
- Simultaneous display of speed and time
- Fix stand with anti-slipping feet
- Comprehensive range of accessories
- **2 years warranty**



Linear and Orbital shaker

- Compact shaker with a maximum capacity of 2,5/ 7,5 kg
- Backlit display
- Easy adjustment of time and speed
- Fix stand with anti-slipping feet
- Adjustable safety speed
- RS 232-interface
- Comprehensive range of accessories
- **2 years warranty**



Rotator RS-RR 20 and Disk-Mixer

- Instrument will be supplied incl. tube holder (RS-RR20) or disk mixer (RS-RD 20)
- Dual-Use – rotator RS-RR 20 can also be used as disk mixer
- Fix stand with anti-slipping feet
- Backlit display to adjust speed and time
- Comprehensive range of accessories
- **2 years warranty**



Tube Roller

- The new tube rollers provides gentle and effective Mixing by rocking and rolling action.
- The adjustment and control of the parameter Speed and time can be done easily
- Via LCD Display on the digital version RS-TR 10
- On the analog version RS-TR 5 the Adjustment will be done with a knob and a scale.
- We are offering **2 years warranty** on both instruments.



Vortexer and Micro plate mixer

- Compact Mixer suitable for 96er Micro titer plates adjustable speed
- Various top frames available for RS-MM 10
- **2 years warranty**



Overhead stirrer

- Digital stirrer with LCD-display
- Micro-processor controled speed accuracy
- Smooth start procedure
- Selectable display of speed/torgue
- RS 232 Interface
- **2 years warranty**



Accessories for Shaker, Mixure and Stirrer aavailable,visit to website for further details

AUTOClave AND STERILIZER

High Speed / High Pressure Sterilizer

CENTRALISED CONTROL POINT

- Multi-port valve control for the entire cycle of the operation.
- Permits two exhaust speeds, fast & slow.
- Easy to read compound gauge for the chamber and pressure gauge for the jacket.
- Smooth operation.

SAFETY FEATURES

- Self locking safety door cannot be opened while chamber is under Pressure.
- Gauge glass with automatic closing safety valve.
- Heat resistant SILICONE door gasket.
- Pressure switch (on electric models) economize power consumption.
- Low water protection system, to protect the electric heaters.
- Temperature gauge : Digital temp indicators/controllers (optional).
- Vacuum breaker/dryer
- Safety value for the jacket / boiler.
- Hydraulically test to 2.5 times the designed working pressure.



Microprocessor / P. L. C. based control System

The control system is based on 'state-of the art' microcomputer technology, guaranteeing high reliability and safe operation. The computerized control unit ensures a fully automatic operation throughout the entire cycle. No future intervention is necessary after selecting the parameters and pressing the start button. The main cycle phase and the machine's actual parameters are displayed on the LCD panel during the cycle progress. The main physical parameters of the process, i.e. temperature, pressure, time and jacket pressure are controlled and displayed. The keyboard located on the front panel enables the operator to select a program, start and stop the cycle, and allows a trained technician to preset the main parameters using an access code. The control system is easy to use and programmable.



OPTIONAL:

- Fully automatic operation through a PLC / MICROPROCESSOR sterilization process
- Digital display temp for a semi- automatic operation.
- Cycle with pre -vacuum option.
- Thermograph to record temperature and time.
- Carriages, trolleys, baskets etc. for easy movement of goods.
- Printer

OPTION:

- Heating-Direct Steam, Electric, LPG or Kerosene operated steam generates.
- Double door type models.
- Stainless Steel flush mounting.
- Blue water/Vacuum leak detection tests for vials and ampoules etc.

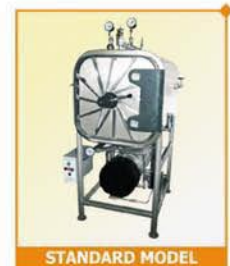
Horizontal Rectangular Autoclaves

CENTRALISED CONTROL POINT

- Multi-port operating valve, control for the entire cycle of the operation.
- Permits two exhaust speeds, fast & slow,
- Easy to read compound gauge for the chamber and pressure gauge for the jacket.
- Smooth operation.

SAFETY FEATURES

- Self locking safety door cannot be opened while chamber is under pressure.
- Gauge glass tube with automatic closing safety valve.
- Heat resistant SILICONE door gasket.
- Pressure switches (on electric models) economize power consumption
- Low water protection system, to protect the electric heaters.
- Temperature gauge/Digital temp, indicators / controllers (optional)
- Vacuum breaker / dryer.
- Safety valve for the Jacket / boiler.
- Hydraulically test to 2.5 times the designed working pressure.
- Powerful ejector for drying.
- Insulated with resin bond fiber glass wool covered with M.S. / S.S.304 sheet.



- High Pressure Rectangular Sterilizers are being used by pharmaceutical companies, laboratories, research institutions and hospitals for a number of applications from autoclaving I. V. fluids to packs etc.
- rectangular sterilizers are offered with a carriage and trolley / drops rails for loading and removal.
- The sterilizers are manufactured in different standard sizes.
- However, manufacture to customers specifications is also undertaken.

Optional items include :

- Flush (recess) mounting.
- High pressure - High vacuum attachment
- Rapid cooling / single door, double door
- AUTOSTER (complete automation through selector switch controls)
- AUTODOOR (automatic opening and closing)

Bulk Sterilizer / Autoclaves

Large Rectangular Bulk Sterilizer is suited, as the name suggests for "bulk" sterilization, whatever be the load. Hospitals have been using this model for mattress sterilization.

Optional items include :

- Flush (recess) mounting.
 - High pressure - High vacuum attachment
 - Rapid cooling, Double door switch controls)
 - AUTOSTER (complete automation through selector
- Also, manufacture to customers specifications is undertaken.**

AUTOClave AND STERILIZER

AUTOMATIC VERTICAL AUTOCLAVE

MODELS

AUTOClave STEAM STERILIZER

FULLY AUTOMATIC VERTICAL GMP MODEL

AUTOClave STEAM STERILIZER

FULLY AUTOMATIC VERTICAL TRIPLE WALL JACKETED

- Economy Model: Pressure manually maintained by a spring loaded valve, which blows open to releases excess pressure beyond set value. Supplied without Digital Controller.
- Standard Model: Temperature automatically maintained by digital controller, which controls pressure and temperature with temperature indication, factory set at 121° C (15 PSI), along with built in digital timer adjustable for maintaining sterilization cycle time with auto cut off.
- Fully Automatic Model: Temperature automatically maintained by digital controller, which controls / pressure and temperature with auto air purge, digital timer, auto steam exhaust, low water level cutoff.



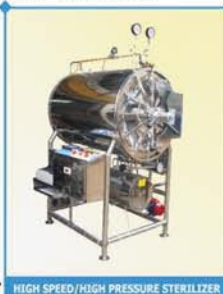
AUTOMATIC VERTICAL AUTOCLAVE

High Speed / High Pressure Sterilizer

TYPICAL FEATURES

The Sterilizers designed for a standard working pressure of 1.2 kg/cm i.e. 121 °C or an optional High Speed (flash) working pressure of 2.1kg/cm i.e. 134 °C which substantially reduces cycle time.

Our high efficiency Steam Sterilizers are designed for maximum thermodynamic efficiency and robust in construction Built with an inner chamber of AISI 304/316 grade stainless steel, jacket of AISI 304 grade stainless steel, door of AISI 304grade stainless steel an outer cover if AISI 304 grade stainless steel, the strong argon arc welded chamber and jacket ensure a leak proof construction. Mounted on a corrosion resistant stand further ensures greater durability.



HIGH SPEED/HIGH PRESSURE STERILIZER

Working on the principle of downward displacement of air, the sterilizer assure you that only a minimal quantity of water and steam are required for optimum sterilization. A steam trap is provided for effective, economical removal of air and condensate from the chamber. This help to achieve sterilization temperature quicker. The option of a steam generator feed water pump assists uninterrupted operation. A powerful ejector fitted in the multi-port operating valve circulate air in the chamber for vacuum drying. With minimum heat loss the sterilizer enables a pleasant, comfortable, Working environment.

Vertical / Horizontal Sliding Automatic Autoclave

DOOR

The sterilizer is supplied with single or double doors made of 304 or 316/L quality stainless steel.

The doors can be horizontal or vertical, automatic sliding type or swinging(radial arm) type as per the Customer's requirement.

The doors will have unique arrangement to open manually in case of power failure.

While closing the door, it also automatically opens in case it is obstructed by an object.

These doors are sealed with movable Silicone Rubber gasket with the help of pneumatic pressure



VERTICAL SLIDING AUTOCLAVE

VACUUM SYSTEM

- The system is used for effective air removal from the sterilizer's chamber.
- It consists of efficient water ring type vacuum pump, condenser etc.

AUTOMATIC PROCESS CONTROL UNIT

- The control unit is based on advance PLC or microprocessor technology.
- This unit controls different sterilization cycles with the help of in-built different Programmed combinations.
- The control units are backed up with manual operation

MATERIAL HANDLING

- Sterilizers can be supplied with stainless steel removable shelves/trays or with loading carriages & trolleys

CARRIAGES & TROLLEYS

- The loading carriage is made from stainless steel 304 or 316/L & it has adjustable shelves which can be positioned according to height of the goods.
- It is designed to slide easily from the chamber to trolley.
- The trolley is made of Stainless steel/Mild steel & has its base with four heavy duty castors

STANDARDS

- The sterilizers can be manufactured to comply with any other International Standards.
- GMP & ISO Certified.



LOADING CARRIAGES & TROLLEY

BIOSAFETY CABINET

The Biosafety Cabinet is a safety device that protects individuals, the environment and Products. During operations, it helps avoid exposure to possible infectious aerosols and spills for the operation of experimental material of bio-hazardous. Nature microbial strains or clinical diagnostic inspection samples. This Biosafety cabinet is widely used in biological experiments. It is the most important barrier (Primary Barrier) and Front-line defense for the safety of the operator. class II type A2 Biosafety cabinets currently dominate the market in popularity among all Biosafety cabinets. They are designed to work with agents that require Biosafety level 1-3 containment and minimize hazards. A2 Biosafety cabinets maintain negative pressure environments inside the cabinet during operation to prevent the contaminants from escaping the work area to protect employees. To protect the product, approximately 70% of the room air is pressurized by the blower and forced through the supply HEPA filter prior to entering the work area. Finally, the remaining 30% of air is filtered through an exhaust HEPA filter. The Sterile air finally exist the cabinet and is released back into the environment.

CONTROL SYSTEM: Touch Panel RS 232/485 Connection (Optional)

INTERNATIONAL CERTIFICATION: EN 12469 Compliance Certified

APPLICATION AREAS: Hospitals, Universities, Research & Development centers, pharmaceutical/biotechnological companies and Other Biological/life sciences laboratories

FEATURES:



- EN 12469 compliance Certified
- NSF Certified
- UL61010-1/CSA-C.22.2 No.61010-1 Certified
- ISO 9001:2008 Quality Management System Certified
- Two control panels: touch panel and push-switch panel.
- Double-wall cabinet structures. Contaminated area surrounded with negative pressure.
- Innovative surrounded air intake grill design. All contaminated air in the work area gets enclosed inside the cabinet to prevent the leakage of contaminated air.
- The ECM brushless DC motor with Best Energy efficiency.
- Supply/Exhaust HEPA filter 99.99% efficiency @0.3 micron (Class H14)
- Ergonomic 10 degree angle window design reduces discomfort over long-term use of limbs and eyes-strain.
- 6mm anti-ultraviolet tempered glass.
- 10 tests before leaving the factory under strict quality control process.

Different models available in different sizes with single, double and sliding door.

MODELS: AHA -143-AA-A AHA -143-BA-A AHA -143-AB-A AHA -143-BB-A

FLAMMABLE SAFETY CABINET

All SafetyStar® series low corrosive liquid cabinets listed are FM Approved and comply with NFPA and OSHA regulations

Single door Cabinet

Sliding door Cabinet

Double door cabinet

All capacity of models available

PROVIDES WORKERS AND ENVIRONMENT OPTIMUM SAFETY AND QUALITY ASSURANCE.
PROVIDES MAXIMUM PROPERTY AND ASSET PROTECTION.
PREVENTS EXPLOSION.
EXTENSION OF A FIE.

CABINET CONSTRUCTION

Double-wall cabinet construction with thickness of 1.2 mm steel and 38 mm air space efficiently isolates from combustion.



FLAMMABLE SAFETY CABINET

Explosion-Proof Waste Chemical Storage Cabinets

THIS CABINET IS USED TO STORE WASTE CHEMICAL AND RECYCLABLE SOLVENT. IT CAN EXHAUST THE GAS OUTDOORS TO AVOID WASTE SOLVENT GAS EMITTING INTO THE WORK AREA.

- Chemical corrosion-resistance board.
- Walk-in hood.
- Hanging rail explosion-proof window.
- Explosion-proof grade control system.
- Modular structure, quick assembly and disconnect.

MODEL NO.	DIMENSIONS W x D x H mm
HAQ-180	1800-860*2225
HAQ-210	2100-860*2225



Low Corrosive Liquid Storage Cabinets

IN ADDITION TO FLAMMABLE LIQUIDS, THERE ARE ALSO A LOT OF CORROSIVE CHEMICAL STORED IN THE LABORATORIES AND INDUSTRIAL PLANTS. SAFETYSTAR® BLUE LOW-CORROSIVE LIQUID STORAGE CABINET IS YOUR BEST CHOICE. DOUBLE-WALL 1.2MM STEEL PLATE STRUCTURE, COATED WITH A UNIQUE ANTI-CORROSIVE BAKING PAINT FOR STORAGE OF LOW CORROSIVE ACID / ALKALI LIQUID INCLUDES LOW CONCENTRATIONS OF CHEMICAL SUCH AS HYDROCHLORIC ACID, SULFURIC ACID, NITRIC ACID, AMMONIA AND SODIUM HYPOCHLORITE.

- Provides exactly the same functions and design characteristics as the flammable liquid storage cabinets.
- Double-wall cabinet construction with thickness of 1.2mm steel and 38mm air space efficiently isolates from combustion.
- Non-sparking, 3-point linked latching device provides superior security.
- Dual vents with flame arrester placed on both sides of cabinets. Steel adjustable shelves for 120kg loading. Front and rear quick safety latch with closely integrated shelves and support frame reduces risks of collision.
- Optional high-strength anti-corrosive PP/PE material trays can be placed on the shelves and the sump for double anti-corrosion option.
- 2 inch deep leak-tight containment sump for accidental drips and spills.

Manual / self-closing
single-door cabinets



Manual / self-closing
double-door cabinets



Manual / self-closing
sliding-door cabinets



Chemical Storage Direction and Cabinet Colors



Yellow for flammable liquids



Red for combustible liquids



Blue for corrosive liquids



Combustible Liquid Storage Cabinets

ALL SAFETYSTAR® SERIES COMBUSTIBLE LIQUID CABINETS LISTED ARE FM APPROVED AND COMPLY WITH NFPA AND OSHA REGULATIONS

- Same functions and design characteristics as the flammable liquid storage cabinets.
- Suitable for storing paints, inks and mineral oil.
- Double-wall cabinet construction with thickness of 1.2mm steel and 38mm air space efficiently isolates from combustion.
- Non-sparking, 3-point linked latching device provides superior security.
- Dual vents with flame arrester placed on both sides of the cabinets.
- Adjustable steel shelf can hold 120kg load.

Manual / self-closing
single-door cabinets



Manual / self-closing
double-door cabinets



Manual / self-closing
sliding-door cabinets



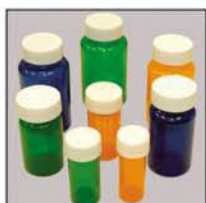
VIALS, CAPS & SEPTAS

Vial Varieties



ABC Screw Top Vials

These vials have a unique thread design that allows you to screw on the caps, and still use them in a robotic autosampler.



Screw Top Vials.

These standard and large opening vials are available in both clear and amber glass. They come with a variety of closures and septa.



Shell Vials.

Cylindrical shell vials compatible with plug-style needle closures to make syringe extraction easier.



LVI Vials.

These large opening vials have a 0.3 mL cone-shaped insert.



Crimp Top Vials.

These standard and large opening vials are used with aluminum seals. The 11 mm aluminum seals have 6 mm openings.



Snap-Top Vials.

For use with snap ring seals as well as standard aluminum seals.

Caps & Septs:

Open top Virgin PP Black Screw Cap/Blue Screw cap, RED PTFE/ WHITE Silicon /PTFE Septa GC Head Space Vials also available.



You will get all capacity of vials as per your requirement.

ULTRASONIC CLEANERS SPEC.

Ultrasonic cleaning offers several advantages over conventional methods.

Ultrasonic waves generate and evenly distribute cavitation implosions in a liquid medium. The released energies reach and penetrate deep into crevices, blind holes, and areas that are inaccessible by other cleaning methods. The removal of contaminants is consistent and uniform regardless the complexity and geometry of the part being cleaned.

ADDITIONAL FEATURES:

- 1) **SPEED**, cleaning usually completed in 1 to 3 minutes
- 2) **LABOR**, Tremendous labors savings over conventional cleaning methods.
- 3) **CHEMICAL**, use lower concentration and milder chemicals to complete cleaning task.
Does not have to be a low foaming chemical as required in most spray, agitation cleaners.



All capacity models will be available as per your requirement.