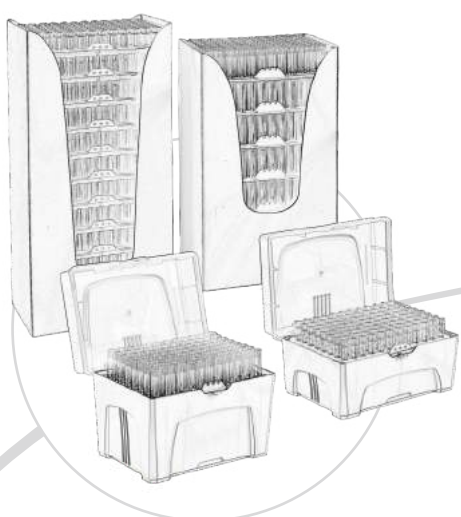
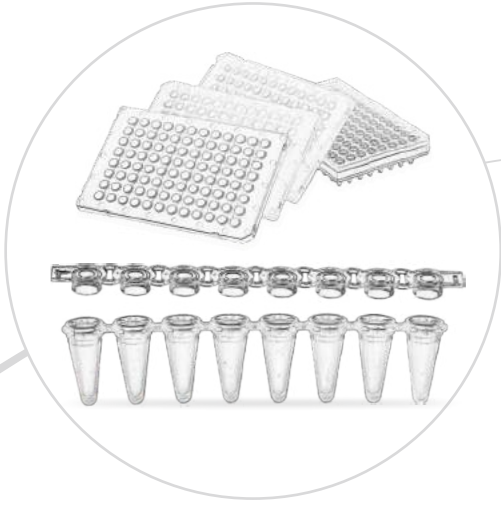
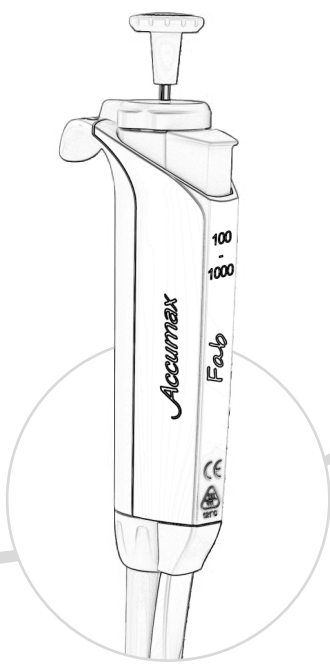


*Accumax*

QUALITY.  
PRECISION.  
DURABILITY.

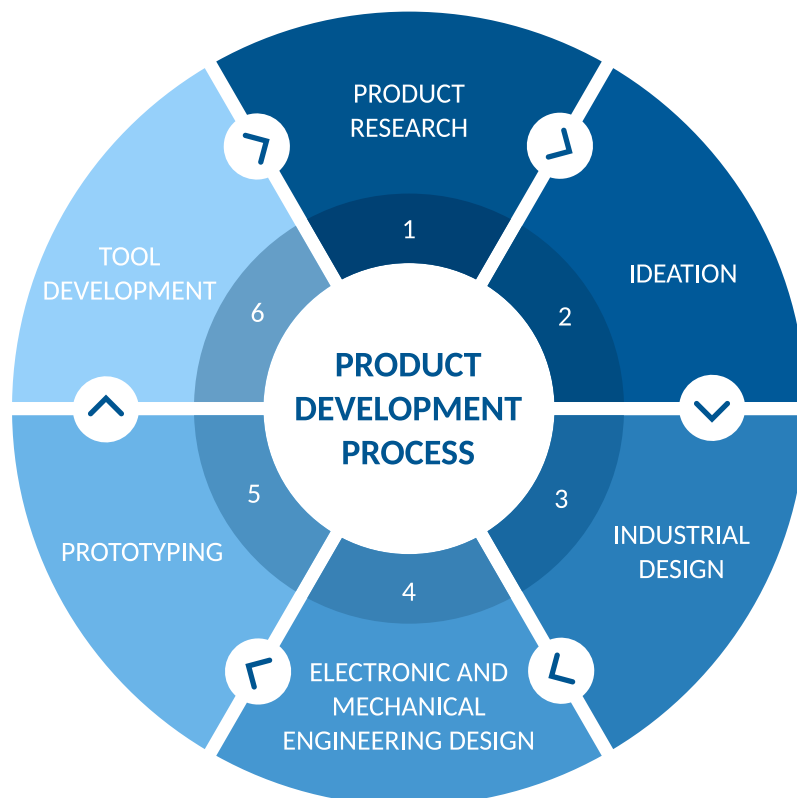




Global presence in over 130 countries

Accumax Lab Devices is amongst the fastest growing manufacturers of liquid handling equipment and consumables across the world. Since our inception in 2003, we have successfully established a stellar reputation in supplying cutting-edge liquid handling products globally, with a strong focus on innovation and user-friendliness.

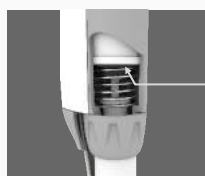
All our processes from designing, injection moulding, assembly, calibration to end packaging, everything happens in-house for constant monitoring and maintaining stringent quality standards. Our facilities include: Class 100K clean room production, ISO17025 accredited calibration laboratory & R & D center.



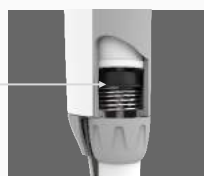
## ACCUMAX FAB PIPETTE

- Magnet assisted piston = high precision + reduced pipetting force
- Ergonomic design for easy pipetting operation
- Fatigue free working with convenient finger rest
- Fully autoclavable & UV resistance
- 4-digit volume counter for precise setting
- Tip ejector with built-in shock absorber for reduced thumb impact
- Corrosion-free & fully autoclavable plastic tip ejector
- Color coding for easy identification
- Easy cleaning & in-house calibration
- Calibrated in ISO 17025 (NABL) accredited laboratory. Supplied with individual QC & calibration report according to ISO 8655-6
- Min Vol - 0.1  $\mu$ l & Max Vol - 10,000  $\mu$ l
- 3-Year warranty

Available in Variable & Fixed volumes for single channel & in 8/12 channel variants.



Magnet position at first stop



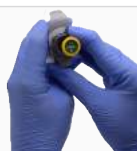
Magnet position at second stop

Magnet assisted piston mechanism gives clear difference between first & second stop without using heavier spring. This assures consistent aspiration-dispensing with extremely low pipetting force.

4-digit volume counter for precise volume setting



Volume lock for prevention against accidental volume drift and consistent results



Tip ejector with built-in shock absorber for reduced thumb impact



Fully autoclavable tip ejector



# LIQUID HANDLING EQUIPMENT

## ACCUMAX ELECTRONIC PIPETTE

- Intuitive graphical interface makes it operationally easy to use
- Lightweight construction makes pipetting effortless and pain-free even after extensive usage
- Auto-sensing magnetic piston for precise pipetting
- State-of-the-art stepper motor for long lasting performance
- 5 different pipetting modes for all pipetting needs in a lab: Forward pipetting, Reverse pipetting, Multi dispensing, Mixing, Diluting
- Calibrated as per ISO 8655-6 standards in ISO 17025 accredited lab
- 3 point auto-calibration provides most accurate and precise delivery of liquid throughout the volume range
- Ultra-efficient battery allows 5 hours of continuous usage after every full recharge
- Intelligent sleep mode conserves battery when not in use
- A smart charging stand which can be used for charging or to rest the pipette when not in use
- Min vol - 0.5 µl & Max vol - 5,000 µl

Available in Variable volume for single channel & in 8/12 channel variants.



## ACCUMAX SMART PIPETTE

- Fully autoclavable and UV resistant
- Pipette handle has coating of thermoplastic elastomer to prevent body heat transfer to internal parts during long pipetting hours for high precision
- Smooth plunger movement along with comfortable finger rest for fatigue free pipetting
- In house cleaning, repair and calibration without using any special tools
- Durable tip cone made of PVDF offers the highest resistance to physical shocks as well as to chemical corrosion and is compatible with most types of tips
- Calibrated as per ISO 8655-6 standards in ISO 17025 accredited lab
- 3-Year warranty
- Single hand volume lock & volume change operations
- Ergonomic design
- Min vol - 0.1 µl & Max vol - 10,000 µl

Available in Variable & Fixed volumes for single channel & in 8/12 channel variants.





### ACCUMAX A MECHANICAL PIPETTE

- Fully autoclavable
- Click stop counter system for convenient volume setting
- Ergonomic design ensures light weight & soft plunger movement
- Durable tip cone made of PVDF offers the highest resistance to physical shocks as well as to chemical corrosion and is compatible with most types of tips
- Calibrated as per ISO 8655-6 in ISO 17025 accredited lab
- 3-Year warranty
- Min vol - 0.1 µl & Max vol - 10,000 µl

Available in Variable & Fixed volumes for single channel & in 8/12 channel variants.



### ACCUMAX PRO MECHANICAL PIPETTE

- Pipette handle has grip made of thermoplastic elastomer to prevent body heat transfer to internal parts during long pipetting hours for high precision
- Durable tip cone made of PVDF offers the highest resistance to physical shocks as well as to chemical corrosion and is compatible with most types of tips
- Click stop counter system for convenient volume setting
- Ergonomic design ensuring light weight & soft plunger movement
- Calibrated as per ISO 8655-6 in ISO 17025 accredited lab
- Autoclavable lower assembly
- 3-Year warranty
- Min vol - 0.1 µl & Max vol - 10,000 µl

Available in Variable & Fixed volumes for single channel & in 8/12 channel variants.



# LIQUID HANDLING EQUIPMENT

## ACCUMAX VA-FA MECHANICAL PIPETTE

- Ergonomic design ensuring light weight & soft plunger movement
- Durable tip cone made of PVDF offers the highest resistance to physical shocks as well as to chemical corrosion and is compatible with most types of tips
- Calibrated as per ISO 8655-6 standards in ISO 17025 accredited lab
- Click stop counter system for convenient volume setting
- Autoclavable lower assembly
- 1-Year warranty
- Min vol - 0.1 µl & Max vol - 10,000 µl

Available in Variable & Fixed volumes for single channel & in 8/12 channel variants.



## ACCUMAX Jr. PIPETTE

- Working size of 130 mm ensures perfect fitment in the hand for convenient pipetting
- Small enough to fit in a kit that can be supplied as a standard accessory
- All pipettes are calibrated as per ISO 8655-6 standards
- Specially designed tip cone that adapts both - 10 µl & 200 µl tips
- Two step plunger
- Standard volumes: 5 µl/10 µl/20 µl/25 µl/50 µl/100 µl 200 µl

Customize any volume between 2 µl to 200 µl



## ACCUMAX TRANSFER PIPETTE

- Soft elastic bulb for easy usage
- Visible external graduations for accurate dispensing
- Smooth orifice for proper dispensing
- Made from medical grade LDPE
- Clean room manufacturing
- Available in 1 & 3 ml capacity
- Available in Non-sterile bulk, sterile bulk and individually wrap sterile variants



## ACCUMAX BOTTLE TOP DISPENSER

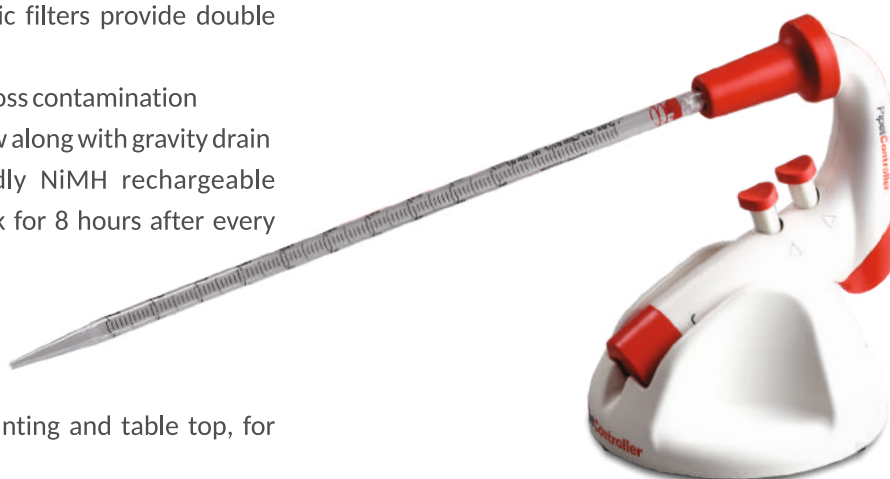
- Re-circulation valve for environment friendly & cost saving operation\*
- Springless valve design offers high-chemical resistance & longer-life with zero maintenance
- Unique mechanism allows cleaning and servicing of piston cylinder without disturbing calibration
- Discharge tube with 360° rotation for convenient dispensing in multiple vessels
- Easy to re-calibrate with a single tool
- Calibrated as per ISO 8655-5 standards in ISO 17025 accredited lab
- Safety locking feature prevents accidental flow of reagents
- Dual graduation marks enable precise volume setting & provide clear visibility from both sides
- Volume lock for enhanced precision & accurate volume setting
- Snap-fit mounting of discharge-tube
- Telescoping filling tube compatible with different sizes of reagent bottles
- Min vol - 0.25 ml & Max vol - 100 ml
- Supplied with various size of adapters - 28/32/38/40/45 mm

\*Re-circulation valve is an optional feature



## ACCUMAX PIPETTE CONTROLLER

- Powerful yet quiet pump can fill 25 ml pipette under 4 seconds
- Ergonomic design for effortless and smooth working
- Double safety valve and hydrophobic filters provide double protection against fluid penetration
- Autoclavable pipette cone to avoid cross contamination
- Two different speed modes – high, low along with gravity drain
- Cadmium free environment friendly NiMH rechargeable batteries that will continuously work for 8 hours after every recharge
- Batteries can be changed very easily by the end user
- Low battery indicator
- Supplied with two stands- wall mounting and table top, for convenient resting-storage
- Supplied with total 3 hydrophobic filters as standard accessories



## LAB CONSUMABLES



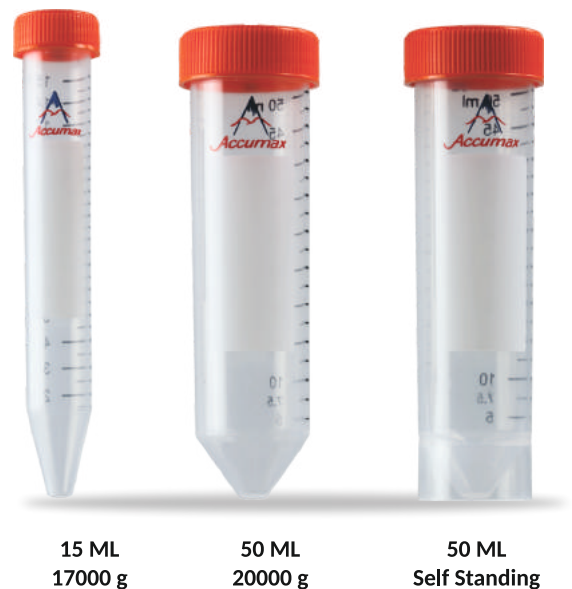
### ACCUMAX SEROLOGICAL PIPETTES

- Clear and precise graduations, calibrated for accurate dispensing within  $\pm 2\%$  volume range
- Manufactured with virgin polystyrene in a clean room environment
- Negative graduations for extra capacity
- Color-coding for easy identification of pipette size
- Filter plug to prevent cross contamination
- Certified DNase, RNase, Cytotoxin Free and Non-Pyrogenic
- Sterile pipettes adhering to  $10^{-6}$  SAL (Sterility Assurance Level)
- Wide volume range of 1, 2, 5, 10, 25 & 50 ml

### ACCUMAX TUBES

#### CENTRIFUGE TUBES

- Manufactured in a fully automatic, human touch free plant with class 100K clean room facility from US FDA approved resins
- Certified DNase, RNase, Endotoxin, Pyrogen free
- Free of lubricants and heavy metals which guarantee no leaching and sample contamination from raw material
- Special mould design along with superior raw material ensure that tubes can withstand higher g-force and make it suitable for wide range of applications
- Tamper proof printing for easy traceability during longer storage
- Withstand temperatures from  $-80^{\circ}\text{C}$  to  $+121^{\circ}\text{C}$
- Leak proof design of cap makes it convenient for long term storage
- Fit all standard and high capacity centrifuge rotors
- High transparency



#### AMBER COLOR CENTRIFUGE TUBES

- For light sensitive samples
- Tamper proof clear white graduations
- Leak proof screw cap
- Ample writing space on cap and tube surface
- Certified Dnase, Rnase, Endotoxin and Human DNA Free





## HEAVY METAL FREE TUBES

- Pure, Additive-free natural color caps for easy labelling
- Tubes and caps made with virgin, 100% medical-grade resins.
- Certified below one part per billion (<1ppb) trace of heavy metals
- Large writing area
- Heavy metals free centrifuge tubes are specifically manufactured to make sure that common trace metals that can interfere with experiments are below an ICP-MS detection level of one part per billion (<1ppb). Metals included in testing are: Boron, Aluminum, Phosphorous, Arsenic, Selenium, Cadmium, Lead, Chromium, Manganese, Iron, Nickel, Copper, Zinc.



15 ML

50 ML

## MICROCENTRIFUGE TUBES

- Manufactured in a fully automatic, human touch free plant with class 100K clean room facility from US FDA approved resins
- Certified DNase, RNase, Endotoxin, Pyrogen free
- Specially designed leak proof seal cap allows single hand operation
- Special mould design along with superior raw material ensure that tubes can withstand up to 20000 g-force
- Thin cap membrane for easy needle piercing
- No sharp points or edges. Ultra smooth design doesn't catch gloves
- Clear and precise graduations



2.0 ML

1.7 ML

0.5 ML

## ACCUMAX RESERVOIRS

- Made using superior quality polystyrene (PS)
- Convenient pour-off spouts on all four corners
- Wide base for stability and preventing spillage
- Graduations on inside wall
- Angled bottom for practically complete withdrawal of sample
- Available in 10, 25 and 50 ml capacity



### ACCUMAX DEEPWELL PLATE

- Raised well rims for reduced cross-contamination
- Manufactured in fully automated plant with class 100K clean room facility
- Made from US FDA approved Virgin polypropylene
- Certified DNase, RNase, Human DNA, Endotoxin free
- 8 x 12 wells with alphanumeric code
- ANSI standard micro test plate format
- \*Suitable for nucleic acid isolation platforms



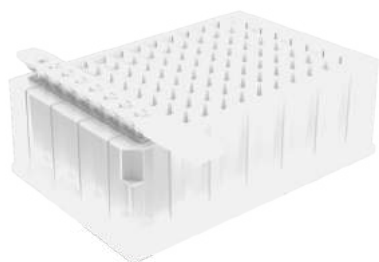
**1 ML ROUND BOTTOM**



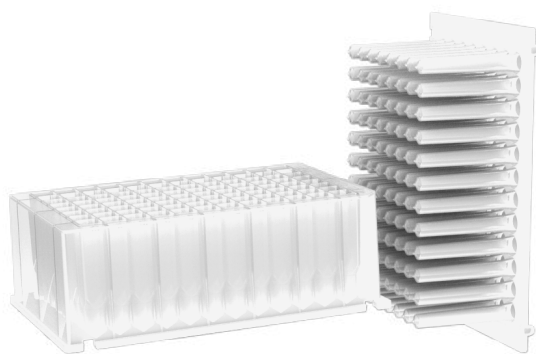
**2 ML ROUND BOTTOM**



**2 ML V-BOTTOM**



**2.2 ML U BOTTM  
AND 8 TIP COMB**

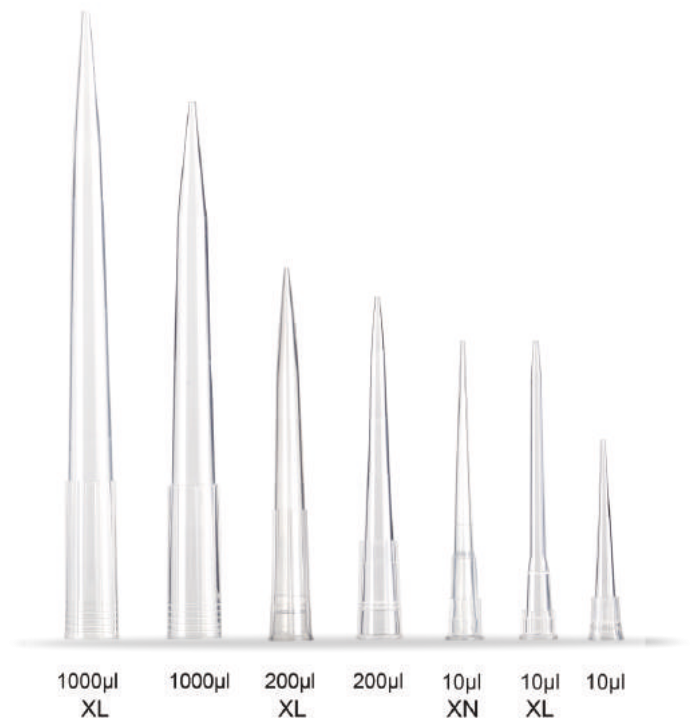


**2.2 ML V BOTTOM  
AND 96 TIP COMB**



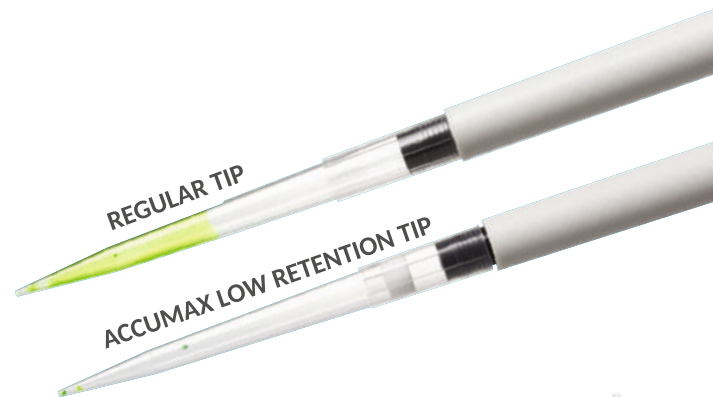
## ACCUMAX TIPS

- Certified DNase, RNase, Pyrogen, Endotoxin, Human DNA & PCR Inhibitor free
- Fully automatic, human touch free manufacturing plant with class 100K clean room facility ensures optimum purity
- Produced from swiss-made diamond finish mould for flawless “super smooth” internal surface
- Produced from US FDA approved virgin raw material
- Free of lubricants and heavy metals which guarantees no leaching and sample contamination from raw material
- Adaptability with wide range of pipettes
- Graduation marks which act as visual checks to minimize any risk of errors during pipetting
- Clear and transparent



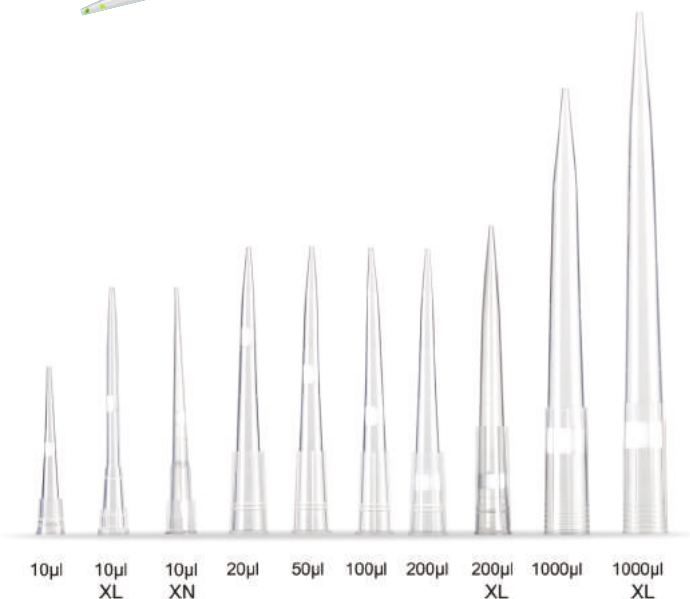
## LOW RETENTION TIPS

- Specially developed resins combined with high quality diamond finish mould create super hydrophobic internal surface which ensures maximum recovery of sample yield



## FILTER TIPS

- Specially developed PE filters for pipetting application
- The filter serves as a barrier against aerosols formed during pipetting
- Filter tips protect the pipette shafts from contamination and reduce the risk of cross-contamination and faulty measuring results



## LAB CONSUMABLES

### RACK PACK

- Fully autoclavable & stackable
- Hinge rack allows single hand operation
- Sturdy and solid design for long durability
- Color coded tray for easy identification



### RELOADING STACK

- Reload rack with minimal efforts
- Tips pre-arranged in 8 x 12 format
- Minimal wastage & cost saving
- Special eco friendly reloading paper rack for filter tips



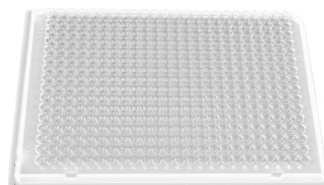
### BULK PACK

- Packed in self standing polyethylene bag with easy tearing for convenient usage
- Perforation & zip lock-double sealing provide better protection against contamination and spillage while in use



## ACCUMAX PCR CONSUMABLES

- Ultra thin walls ensure maximum heat transfer
- Free from PCR inhibitor and endotoxin
- Certified DNase, RNase & Human DNA free
- Specially designed smaller bulk packs to avoid contamination by different researcher
- Non-reactive internal surface and uniform wall thickness for consistent & error-free results
- Wide range of offering as per need in strips and plates that suits wider applications for PCR and qPCR



## REAGENT BOTTLES (PP\*/HDPE/LDPE)

- Excellent chemical resistance for a variety of lab applications
- Autoclavable\* and leak proof for ultimate protection
- US FDA approved virgin polypropylene of usp class VI
- Produced in 100k class clean room facility
- Translucent visibility

Available in

Narrow mouth: 4/8/15/30/60/125/250/500 ml

Wide mouth: 30/60/125/250/500 ml



## CRYOVIAL

- V bottom for maximum sample recovery
- Autoclavable at 121°C for 15 mins
- Better stability with hepta foot for self standing and storage efficiency
- Easy sample identification, large and clear patch for personalized labeling
- Quick closure and leak proof tube seal
- Externally threaded without O-ring to avoid contamination
- Certified DNase and RNase free

Volume Range 1/1.8/3.5/4.5 ml

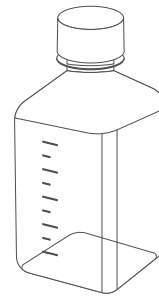


## COMING SOON

---

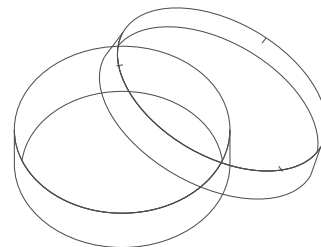
### **MEDIA BOTTLES**

- Material: PETG/PC
- Volume: 30,60,125,250,500,650,1000, 2000ml



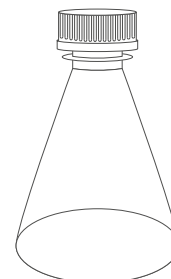
### **PETRI PLATES**

- Material: PS
- Volume: 90mm dia
- Vented and non vented



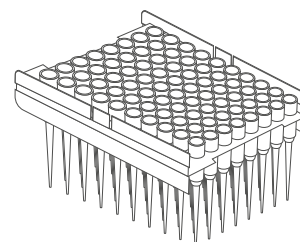
### **ERLENMEYER FLASK**

- Material: PETG/ PC/PMP/PPCO
- Volume: 125, 250, 500, 1000, 2000ml



### **ROBOTIC TIPS**

- Conductive and non conductive
- Volume: 10ul/ 200ul/1000ul
- Compatible with various robotic samplers.



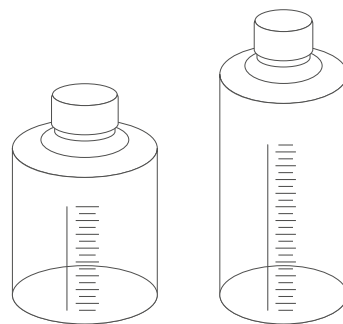
ALL PICTURES SHOWN ABOVE ARE FOR REPRESENTATION PURPOSE ONLY. ACTUAL PRODUCTS MAY VARY DUE TO PRODUCT ENHANCEMENT

COMING SOON

*Accumax*

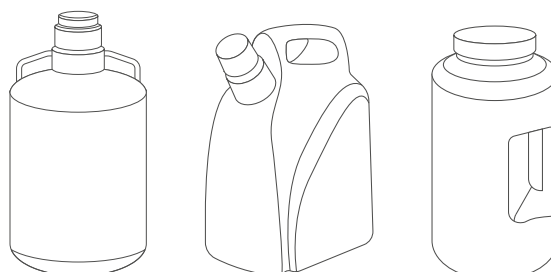
## ROLLER BOTTLES

- Material: PETG/PS
- Volume: 490, 850, 1050, 1800, 1900cm<sup>2</sup>



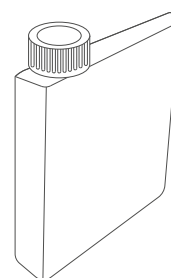
## CARBOYS AND JERRYCAN

- Material: PP/LDPE/HDPE
- Volume: 5, 10, 20, 25, 50L
- Round/ Rectangular



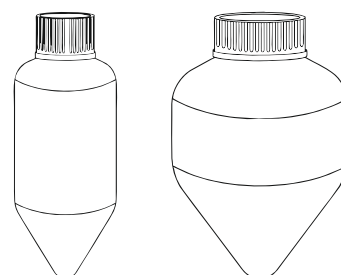
## SYSTEM BOTTLES

- Material: HDPE bottle/PP caps
- Volume: 20/50/70ml (white and brown)



## LARGE VOLUME CENTRIFUGE TUBES

- Volume: 250 & 500 ml
- Material: Bottle PP & Cap HDPE



ALL PICTURES SHOWN ABOVE ARE FOR REPRESENTATION PURPOSE ONLY. ACTUAL PRODUCTS MAY VARY DUE TO PRODUCT ENHANCEMENT

\*We also execute OEM projects. Specifications can be changed without notice for quality improvement.



**Accumax Lab Devices Pvt. Ltd.**

E: [info@accumaximum.com](mailto:info@accumaximum.com)

W: [www.accumaximum.com](http://www.accumaximum.com)

Follow us on: [@accumax.neuation](https://twitter.com/accumax.neuation)