

## MOBILE LAB DO's & DON'Ts

### **MICROPIPETTE:**

#### **Do's-**

- 1- Always take a tip from a tip rack.
- 2- Pre-rinse the pipette tip 3 to 5 times.
  - \* Improves Accuracy
  - \* Especially important with volatile compounds.
- 3- Immerse the tip about 1 cm in to the liquid when aspirating.
- 4- Release the operating button slowly.
- 5- Choose the right pipetting technique for the application and the type of liquid.
- 6- Use a stand to store the pipettes in an upright position to keep them in good condition.
- 7- Service the pipette every three months if used daily.

#### **Don'ts-**

- 1- Do not touch tip by hands, even with gloves.
  - 2- Do not turn the pipette on its side when there is liquid in the tip.
  - 3- Do not clean tips for REUSE, as their metrological characteristics will no longer be reliable.
  - 4- Don't contaminate you or the pipette. Always use the tip ejector.
  - 5- Never try to force the volume -setting device beyond its stated range. You can break the pipette.
  - 6- Use good sense and be kind to the instruments. Don't drop, throw etc .
- 

### **CENTRIFUGE**

#### **Do's**

- 1- Balance the tubes in the rotor! If you want to run a tube with 2 mL of liquid, put another tube with 2 ML of water in the opposing hole on the rotor.
- 2- First close the lid than start the Centrifuge .

3-If you see it wobbling or shaking, turn it off or pull the plug. A little vibration is normal, but excessive amounts can mean danger. FIRST, double check that you correctly balanced the tubes. If the answer is yes and the wobbling still happens, contact the manufacturer or dealer and get the unit serviced. Do not continue to run a centrifuge that wobbles visibly when the rotor is spinning.

4-Open the lid only after the rotor has completely stopped

### **Dont's**

- 1- Do not open the lid while the rotor is moving.
  - 2- Do not start the centrifuge if lid is opened.
  - 3- Do not start the centrifuge without balancing of samples.
- 

## **INCUBATOR**

### **Do's**

- 1- Keep dry of Incubator.
- 2- Used incubator after reaching of stated temperature which you settled.

### **Don'ts**

- 1- Never spread water or liquid under the incubator.
- 

## **ANALYZER**

### **Do's -**

- 1- Always keep clean Analyzer.
- 2- Always insert clean and dry cuvette on Analyzer.

### **Don'ts-**

- 1- Don't spread liquid on Analyzer cuvette port where you insert the cuvette .
  - 2- Don't insert the finger on Accurate all cuvette port because its damage sensor .
  - 3- Don't insert the finger on Accukine cuvette port because its damage Peltier and sensor .
  - 4- Work smoothly with analyzer don't press button forcely .
-

## **CUVETTES**

Dos

1- Always used dry and clean cuvettes .

- 2- When you wash the cuvettes , after washing put the cuvettes in up side down position .
- 3- Dry the cuvettes less than 45 degree celcius temperature .
- 4- Second option to dry the cuvette put cuvette up side down position on any paper.
- 5- Always wash cuvettes earliest, after the testing.
- 6- Always keep cuvettes on cuvette stand .
- 7- Escape cuvettes from scratches .

#### Don'ts

- 1- Dont use dirty cuvettes.
  - 2- Dont left dirty cuvettes for next day washing .Clean cuvettes as soon as possible.
  - 3- Dont keep cuvettes above 45 degree celcius .
  - 4- Dont keep cuvettes in open place. Always keep in dust free environment .
  - 5- Dont keep cuvettes outside from cuvettes stand .
-