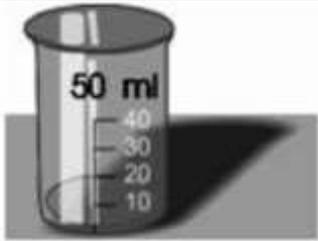
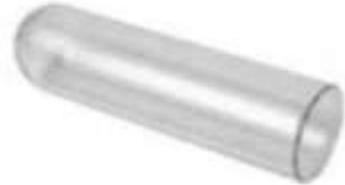
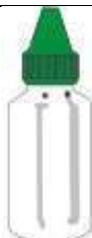
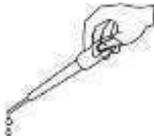
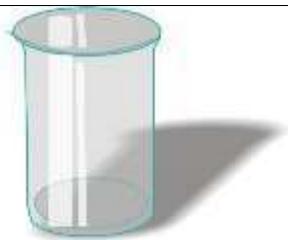


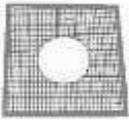
**Sr. Secondary Micro scale Chemistry Laboratory Kit
Technical Specification**

Sl No.	Item Name		Specification	Quantity
1.	Kit Manual		Kit manual is supplied with the kit.	01 No.
2.	Kit Box with carton		Container along with a lid and wheels at the base, attached with two locks on two opposite sides. 50 liters, high density polyethylene material, weight not less than 950gms Overall size approx. 520mm x 380mm x 300mm As per sample	01 No.
3.	Beaker(50 mL)		Borosilicate glass, capacity 50 mL, height 56 mm, diameter 42mm with Graduation. As per sample	03 Nos.
4.	Boiling Tube		90mm x20mm dia. Borosilicate glass. As per sample	04 Nos.
5.	Capillary Tube		Soda glass. As per sample	01 Box
6.	China Dish		Dia. 85 mm. As per sample	04 Nos.
7.	Conical Flask		Borosilicate glass, capacity 25 mL, 50mL and 100mL. As per sample	01 each.

8.	Dispensing Bottle		Low Density Poly Ethylene (LDPE), Capacity 15 mL approx., with screw type cap and nozzle. As per sample	30 Nos.
9.	Pasteur Pipette		Low Density Poly Ethylene (LDPE), capacity 03 mL As per sample	20 Nos.
10.	Glass Dropper with rubber bulb		Borosilicate glass, length 100 mm, capillary length 20 mm, dia 06 mm. As per sample.	04 Nos.
11.	Ignition Tube/Fusion Tube		Soda glass, diameter 05 mm, length 40 mm. As per sample	20 Nos.
12.	Glass Rod		Soda glass, length 150 mm, dia. 5/6 mm. As per sample	04 Nos.
13.	Micro Funnel		Soda Glass, dia 32 mm. x overall size 80mm. As per sample	04 Nos.
14.	Micro Filtration Unit		Borosilicate glass, Boiling Tube : height 80 mm, dia 20 mm, having side tube for fitting rubber bulb, Small rubber bulb, rubber cork fitted with small Hirsch funnel - 01 number. As per sample	04 Nos. unit
15.	Micro Test Tube 2ml.		Borosilicate glass, height 45mm, dia 10 mm. with rim. As per sample	24 Nos.

16.	Micro Beaker		Borosilicate glass, capacity 10mL, height 34 mm dia 25 mm. As per sample	12 Nos.
17.	Micro Measuring Cylinder		High Density Poly Ethylene (HDPE), capacity 10 mL. As per sample	04 Nos.
18.	Micro Burettes packed in 6-ply cardboard carton		Borosilicate glass, capacity 05 mL, rotating screw type flow stop cock with Poly Tetra Fluoro Ethylene (PTFE) key and cup, Least count 0.05 mL ,each burette packed in carton. As per sample	08 Nos.
19.	Micro Test Tube Brush		Soft hair for cleaning 2mL test tube. As per sample	04 Nos.
20.	Petri Dish		Soda glass, without cover, dia 100 mm. As per sample	04 Nos.
21.	Platinum wire/ Nichrome wire		Platinum wire/Nichrome wire (2cm. long) fixed in glass pipe and kept in glass test tube fitted with rubber cork. As per sample	04 Nos.
22.	Micro Spatula		Stainless steel. Overall length 100mm x flat portion 40mm. Scoop 13mm x7mm As per sample	04 Nos.
23.	Spirit lamp		Steel body along with brass wick holder ,dia 65mm, height 50mm As per sample	04 Nos.

24.	Circular Whatman Filter Paper		Dia 125 mm. good quality. As per sample	20 Nos.
25.	Mercury Thermometer		Glass, mercury filled, graduation 0 - 250° C, sub division 1.0° C. packed in plastic box As per sample	02 Nos.
26.	Digital Thermometer with button cell.		Range -50° C to 300° C. °C and F selectable display, memory of last measure. Accuracy: 0.1° C As per sample	01 No.
27.	Tripod stand		Height 100mm, cast iron top 7x7x7cm triangle, legs with dia 4mm of iron body. As per sample.	04 Nos.
28.	Micro Test Tube Stand		Acrylic Plastic molded, size 100 mm x 27 mm x 20 mm, 04 blind holes to hold Micro Test Tubes, depth of hole 15mm. As per sample.	04 Nos.
29.	Two - Way Burette Clamp and Stand		For Base : Mild Steel Sheet 140 mm x 160 mm x 16 SWG. For Stand: Mild Steel Rod 06 mm dia, 280 mm length. Mild Steel Nut 06 mm, Fly Nut 06 mm, 06 mm Washer. Spring Steel Strip 80 mm x 08 mm x 20 SWG to hold 02 burettes. As per sample.	04 Nos.
30.	Micro Test Tube Holder		Wooden handle to hold the 10mm micro test tube. As per sample	04 Nos.
31.	Vial		High Density Poly Ethylene (HDPE), height 55 mm, dia 15 mm. As per sample	20 Nos.

32.	Watch Glass		Soda glass, dia 50 mm. As per sample	04 Nos.
33.	Micro Test Plate/Well plate		Polystyrene (PS) with 96 wells. As per sample	04 Nos.
34.	W -Tube		Borosilicate glass, 2 mm thick x 8 mm dia having arms of length 70-75 mm, with wide mouth in one arm. As per sample.	10 Nos.
35.	Wire gauze		100 mm x100mm with frame As per sample	04 Nos.
36.	Wash Bottle		LDPE, capacity 125 mL. As per sample	02 Nos.
37.	Calorimeter with 50 mL capacity beaker		Borosilicate glass, 50 mL capacity, glass beaker inserted in Low Density Poly Ethylene (LDPE) foam case 100x 75 x 130mm with the lid. As per sample.	01 No.
38.	Electrodes Copper & Zinc		Copper strip, length 80 mm, width 5 mm. x thickness 1 mm. Zinc strip, length 80 mm width 5 mm x thickness 1 mm.	Four each
39.	Emery paper		100 No. As per sample	One sheet
40.	Multimeter		Pocket size digital high impedance As per sample	One

41.	Pocket Balance		MH series Pocket Scale Calibration : Auto calibration Tare Range : Tare full Capacity. Operation Temperature :10°C - 30° C As per sample	01 No.
42.	Parchment/ cellophane		paper (9 cm×14.5 cm),100 leaves As per sample	one packet
43.	Stirrer		Soda glass with circular flat end, length 100 mm x 4 mm dia. As per sample	04 Nos.
44.	Stopwatch		Water resistant lithium battery. As per sample	02 Nos.
45.	Thread roll		Thread roll small As per sample	01 No.
46.	Volumetric flask		Borosilicate glass with stopper 25 mL As per sample	04 Nos.
47.	Universal indicator		1 paper box containing 10 booklets As per sample	2 paper boxes
48.	Red and Blue litmus paper		Each booklet 50 sheets As per sample	Five booklets each
49.	Forceps		SS length 100 mm As per sample	04 Nos.
50.	Plastic Box		For packing glass items 225×125×85 mm 235×150×75mm As per sample	One each

51.	Chromatography Jar		<p>Soda glass, height 215 mm, dia 50 mm. with plastic/glass cover fitted with cork and hook. As per sample.</p>	01 No.
52.	Glazed tile		White, 4" × 4"	01 No.
53.	Gas Generator		<p>Borosilicate boiling tube dia. 22, inner dia. 20 mm. Length 95 mm fitted with 14 mm holed cork and another borosilicate tube of dia. 15 × 125 mm.length,2 mm hole on bottom with 6 mm holed cork fitted on top and 'L' plastic/glass tube fitted in this cork and PVC tube dia. 6 mm fitted on one end of 'L' type tube , length 200 mm and nozzle fitted on another end.</p>	01 No.