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SCIENTIFIC

LAB SUPPLIES

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## Ball



Item No. Description

**MS215.1** Ball Set, 5pcs, 3/4" (lead, wood, Alum. Copper, Iron)

**MS215.2** Ball Set, 5pcs, 1" (lead, wood, Alum., Copper, Iron)

**MS215.1-1** Lead ball 3/4"

**MS215.2-1** Lead ball 1"

**MS215.1-2** Wood ball 3/4"

**MS215.2-2** wood ball 1"

**MS215.1-3** Aluminum ball 3/4"

**MS215.2-3** Aluminum ball 1"

**MS215.1-4** Copper ball 3/4"

**MS215.2-4** Copper ball 1"

**MS215.1-5** Iron ball 3/4"

**MS215.2-5** Iron ball 1"

**MS215.3-1** Small brass ball, Dia.8mm

**MS215.3-2** Small brass ball with ring, Dia. 8mm,

## Brush



### Test Tube Bristle Brushes

Item No.	Brush Dia. ( mm )	Length ( mm )	Total length ( mm )	Package ( pcs/pk )
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### Test Tube Bristle Brushes, White

<b>1025</b>	17	50	150	12
<b>1026</b>	25	75	200	12
<b>1027</b>	35	75	240	12

### Test Tube Nylon Brushes, White

<b>1028</b>	17	50	150	12
<b>1029</b>	25	75	200	12
<b>1030</b>	35	75	240	12



## Cylinder and Bottle Brush, Black Bristle

For cleaning cylinders, large test tubes, and bottles. Natural bristle with splayed and provides a thorough cleaning action. The bristles are mounted in twisted galvanized wire.

Item #	Brush Dia.(mm)	Brush Length (mm)	Total length (mm)
<b>1031</b>	51	127	330
<b>1032</b>	51	152	430



## Beaker Brushes

Dense natural black bristle is mounted in twisted galvanized wire into a durable wooden handle. These brushes feature double-tuft extensions at the top for cleaning into corners of beakers, jars, cylinders, etc.

Item #	Brush Dia.(mm)	Brush Length (mm)	Total length (mm)
<b>1033</b>	76(3")	152*(6")	330(13")
<b>1032</b>	76(3")	152 (6")	410(16")



## Burette Brush, White Bristle

For cleaning burette, pipettes, and long tubing.

Item #	Brush Dia.(mm)	Brush Length (mm)	Total length (mm)
<b>1035</b>	13	83	760
<b>1036</b>	19	92	760
<b>1037</b>	32	133	760



## Pipette Brush, White Nylon, 12pcs/pk

For cleaning pipettes and burettes.

Item #	Top Dia.(mm)	Brush Length (mm)	Total length (mm)
<b>1038</b>	13	89	430

## Burner



### **Bunsen Burner 1394**

This is an excellent adjustable Bunsen burner for use with natural gas. Heavy duty cast iron base provides an extra measure of stability. The unit has a chrome plated steel tube with air regulator.



### **Dual Head Alcohol Burner, Wickless 1395**

This unit can be tipped and it will not leak. The chrome plated tank is fitted with a screw top and rubber gasket for longer burning times. The additional head allows for higher temperatures and more even heating. Unit comes complete with snuffer cap, draft shield, rubber keeper.



### **Wickless Alcohol Burner 42002**

This is an excellent alternative to the traditional, unsafe glass alcohol burners. This unit can be tipped and it will not leak. The chrome plated tank is fitted with a screw top and rubber gasket for longer burning times. Unit comes complete with snuffer cap, draft shield, rubber keeper, and instruction manual.



### **Dual Head Wickless Alcohol Burner 42003**

This is similar to our P42002 Wickless Alcohol Burner. The additional head allows for higher temperatures and more even heating.



### **Alcohol Burner, Wick MS607.1-1**

This unit can be tipped and it will not leak. The chrome plated tank is fitted with a screw top and rubber gasket for longer burning times. Unit comes complete with snuffer cap, draft shield, rubber keeper.



### **A & B Bunsen Burner MS609.1**

Type A is an excellent adjustable Bunsen burner for use with natural gas. Heavy duty cast iron base provides an extra measure of stability. The unit has a chrome plated steel tube with air regulator. Type B all same as above, but with wide mouth.



### **Bunsen Burner MS609.3**

This is an excellent adjustable Bunsen burner for use with natural gas. Heavy duty cast iron base provides an extra measure of stability. The unit has a chrome plated steel tube with air regulator and with additional switch on it.

## Centrifuge Machine



### Centrifuge TB Machine Hand / 4 TB 306

Centrifuge Machine A simple, mechanically operated centrifuge machine - great for student use. This centrifuge machine is equipped with a clamp for mounting to a table up to 4cm thick. It is made from enamel coated cast metal. It will hold centrifuge tubes up to 15ml in capacity. The unit is approximately 30cm tall. (14"x5-1/2"x4"; 5.75lbs).

### Centrifuge Machine MS628

This hand-driven centrifuge is ideal for simple classroom demonstrations. It features a painted metal body and head that can hold up to four tubes, which are included, and comes with a table-mounting clamp. The three-piece construction makes for easy disassembly and storage in its molded foam box.



### Double Burette Clamp 1386

This sturdy double burette clamp holds two burettes from micro to 100ml. Compress the clamp, insert the burette and release. Constructed of light weight aluminum with baked on chemical resistant white enamel finish. Can attach to a standard support rod up to 5/8".



### Pendulum Clamp 1600-7

This unit can clamp to any horizontal or vertical support rod up to 5/8" dia. Holds three pendulums spaced 2-1/8" apart with the points for suspension of cords on the same horizontal line, each adjusting individually.



### Glass Tube Cutter

**2400** Glass tube cutter, single knife  
**2400-1** Glass tube cutter, double knife

## C clamp, Clip, Cutter



### Knife-edge Clamp 911

Clamps firmly to meter rule for balance demonstration. Fulcrum levels are sharp and cut in opposite directions. Clamp fastens to meter ruler by set-screw. Each clamp provided with metal wire stirrup which serves as a mass hanger when inserted. Openings on each side expose graduations on meter rule so that clamp may be set exactly.



### Clamp & Rod 35015

This clamp can hold rods vertically or horizontally. The clamp is cast-iron with a black enamel finish. Fits tabletop to 1 5/8". Comes with a chrome plated rod 3/8" X 20".



### Fahnstock Clip 56534

For one wire. 1" length, 5/16" width. With screw hole. Package of 100.



## Test Tube Clamp

- G12-5** Stoddard type, made from heavy gauge nickel wire, 5" long.
- G12-7** Stoddard type, made from heavy gauge nickel wire, 7" long.
- G13** Stoddard type, made from heavy gauge wire, nickel plated, 215mm long.
- G13-5.5** Clamp with grips, steel, nickel plated, 5.5" long.
- G64-5** Stoddard type, Brass, 5" long.
- G64-7** Stoddard type, Brass, 7" long.
- G73-5** Made from brass, with finger grip, 5" long.
- G73-7** Made from brass, with finger grip, 7" long.
- G35** Semi Micro, for small test tubes, made from steel, nickel plated with rounded jaws for small tubes.



## Extension Clamp

- G30** The clamp is made with interlocking jaws which will allow you to hold objects from 1/8" to 3-1/2" in diameter. It can be used for both burettes and condensers. The jaws are lined with cork to insure a secure grip. The handle is an aluminum rod with a satin finish, the clamp is cast aluminum with an enamel hammertone finish. The thumb screw is nickel plated steel.



## Microscope Slide Clamp

- G36** Microscope Slide Clamp - Heavy gauge nickel-plated steel clamp ( 6" x 1.5"; .012lb)



## Burette Clamps

- The round jaws will gently hold a burette and lock at any angle. Single jaw opens approximately 3/8" to 1-3/4", rotatable 360°. Overall length approx. 6". Order by each, 200/case.
- G37** Coated Jaw with cast aluminum clamp, and Nickel Plated Thumb Screw.
- G37** UN Uncoated Jaw

## Right Angle Clamp Holder

- G39** The clamp is used to hold support rods and clamp extensions at a 90 degree angle. It will accept rods up to 5/8" in diameter.
- G65** Right Angle Clamp Holder Aluminum



## Adjustable Clamp Holder

- G40** The clamp will swivel a full 360 degrees and lock at any angle. It will accept rods up to 5/8" in diameter.
- Adjustable Clamp Holder**
- G85** Same as G40, except made of aluminum materials.



## Mohr Pinchcock Clamp

- G41** A heavy nickel plated brass providing a flat clamping surface for plastic tubing up to 1/2" diameter.





### Lever Pinchcock Clamp

**G42**

Sturdily constructed clamp for tubing up to 16mm outer diameter.

### G70-18 Test Tube Clamps, Wooden

Standard type designed to holder test tubes, small flaps.

### G70-25 Test Tube Clamps, Wooden

Standard type designed to holder test tubes, small flasks, etc. made of hard wooden. Length: 19cm, opening: 25mmL



### Funnel Support

**G75-2** Wooden with cast iron Clamp 2 Holes.

**G75-4** Wooden with cast iron Clamp 4 Holes.

### Burette Clamp

**G78**

"V"-Jaw, plastic coated, aluminum clamp, the V-Jaw will rotate and lock in any position.

**G78UN**

V"-Jaw, plastic coated, aluminum clamp, the V-Jaw will rotate and lock in any position. Uncoated Jaws.

### Thermometer Clamp

**G79**

Great tool for holding thermometer so it does not have to rest on the bottom of the container. 360° rotatable, with adjustable jaw. Overall length 6-3/8".



### Burette Clamp Double

**G80**

Plastic Coated Jaws, Cast Iron Clamp.

### Burette Clamp Double, Heavy Duty

**G80B**

Plastic Coated Jaws, Cast Iron Clamp. Heavy Duty, 9.25"x4.75"



### Hoffman Clamp

An open jaw, nickel plated clamp rubber tubing up 1/2" diameter. Regulates flow from fully open to closed. Lower swivel-mount for easy insertion of tubing disconnecting apparatus.

**G81** Screw form, brass, 16mm O.D. opening capacity

**G82** Screw form, brass, 19mm O.D. opening capacity

**G84** screw form, brass, small Size



### Burette Clamp, Double

**G86**

With rotating arms and coated Jaws. The Jaws will rotate and lock in any position.



### "G" Clamps

**G102-G106**

Designed for clamping items together or securing items to a table. Cast Iron with black corrosion resistant paint.

Available Size (Jaw Opening): G102/2", G103/3", G104/4", G105/5", G106/6"



## Extension Clamps

### MS619 A-F

The clamp are made with interlocking jaws which will allow you to hold objects from 1/8" to 3-1/2" in diameter. They can be used for both burettes and condensers. The jaws are lined with cork to insure a secure grip. The handle is an aluminum rod with a satin finish, The thumb screw is nickel plated steel.



### Test Tube Clamp, Wooden Handle

#### MS624.4

Standard type designed to holder test tubes, small flasks, etc. made of steel plate with hard wooden handle.



### Clamp for Borer

#### MS624.5

Made of hard wooden for holding borers. It is good for Laboratory and science education projects.

## Corker Borer Set



### Deluxe Cork Borer Brass Set/9

#### 000-101

Solid brass construction, with sizes ranging from 1-9mm - the cork borer sizes are stamped on each piece.

(9" x 1-1/2" x 4"; .5lb)



### Deluxe Cork Borer Brass Set/15

#### 000-102

Solid brass construction, with sizes ranging from 1-22mm . The cork borer sizes are stamped on each piece.

(10-1/2" x 2" x 5-1/2"; 1.2lbs)



### Deluxe Cork Borer Plated Steel Set/10

#### 103

Solid nickel-plated steel construction, with sizes ranging from 1-10mm - the cork borer sizes are stamped on each piece.

(9" x 2" x 5"; .625lb).



### Cork Borer Sharpener

#### 000-105

For sharpening cork bore set.

### G26 Cork Bore Set ( Set of 6, 4-12mm),



Made of nickel plated-brass with individual handles and punch. The handles are numbered for identification.

**G27 Cork Bore Set ( Set of 9, 4-20mm),**

Made of nickel plated-brass with individual handles and punch. The handles are numbered for identification.

**G28 Cork Borer Set, 10pcs/Set**

Made of nickel plated-brass with individual handles and punch. The handles are numbered for identification.

## Density Blocks



**Equal Mass Density Set**

**611-2005**

Show the inverse relationship between density and length for cylinders of the same mass and diameter. Includes: PVC, brass, polyethylene, aluminum and nylon specimens. Each is 12 mm in diameter, but of varying length. Includes instructions.



**Density Blocks Set/4**

**611-2020**

Four 1" cubes: copper, steel, brass and aluminum. Stamped with chemical symbol.

**Density Blocks**

**1082**

These blocks demonstrate the density of four different materials-aluminum, brass, steel and lead. Each cube is 3.2cm<sup>3</sup> and has a hook.



**Specific Gravity Cubes with Hook**

**1082-1**

These 25 mm cubes includes hooks on one face for easy transport in and out of cylinders and beakers. Includes 1 each of aluminum, brass, plated steel, and zinc. With instructions



**Equal Mass Cylinder Set**

**1396**

These cylinders demonstrate the inverse relationship between density and the length for cylinders of the same mass and diameter. This set consists of 5 cylinders (copper, aluminum, nylon, polyvinyl chloride, polyethylene) of the same mass and diameter. All the cylinders are 12 mm (1/2") in diameter and range from 14 mm to 120 mm in length



**Equal Mass cylinder Set**

**1396-1**

Five cylinders (aluminum, copper, lead, tin and zinc) of same mass (30g) and same diameter ( 1/2"). The metal is identified with a stamped symbol on one end. Used for experiments on density and specific gravity. Specification sheet included.



**Specific Gravity Cylinder Set**

**1867**

5pcs/set,58g (tin, aluminum, lead, zinc, brass)  
This set contains four metal rods (aluminum, brass, steel & copper) of equal size. 13mm diameter & 50mm length.

## Specific Gravity Block

- 205.1** Cubic 12pcs/set, 2cm (acrylic, soft wood, wood, plastic, risen, iron, alum, zinc, tin, lead, brass, copper)
- 205.2** Cubic 10pcs/set, 2.5cm (acrylic, wood, plastic, iron, alum, zinc, lead, brass, copper)
- 205.3** Cubic 6pcs/set, 2cm, 2x3x1cm, 1x1x1cm (iron, alum, zinc, lead, brass, copper)
- 205.4** Cubic with ring, 4pcs/set, 3.2cm (iron, alum., lead, copper)
- 205.5** Cubic, 4pcs/set, 1.3x1.3x5cm (alum., lead, brass, copper)



## Specific Gravity Cylinder

- 206.1** specific cylinder, 3pcs/set, D2xH3.2cm (iron, alum., brass)
- 206.2** specific cylinder, 4pcs/set, D1.27xH5.1cm, iron, alum., brass copper)
- 206.3** specific cylinder, 4pcs/set, D2xH4.7cm (iron, alum., brass, copper)
- 206.4** specific cylinder, 5pcs/set, 19g (copper, alum., PVC, nylon, risen)
- 206.5** specific cylinder, 5pcs/set, 58g (tin, alum., lead, zinc, brass)



## Solid Geometric Block

### MS903.2

These solids demonstrate the relationships between volume, size and shape. This set contains 10 pieces which are made of dura material.



## Forceps



### Forceps

#### 23101

This is an excellent student forceps for basic dissection applications. It is nickel-plated steel with a medium point. 4.5"



### Forceps

#### 23102

This forceps is ideal for basic dissection or for kits. Made of nickel plated steel. 4"



### Plastic Forceps 4" - Pointed

#### 23107

These molded plastic forceps are excellent for basic dissection or general classroom



### Plastic Forceps - Blunt

#### 23108

These molded plastic forceps are excellent for basic dissection or general classroom applications



### Forceps

#### KJ820



## Lab Scissors Jack



### Laboratory Scissors Jack, Black Enamel 9001/9002

This unit is ideal for supporting or elevating beakers, flasks, water baths, stirrers, and other lab equipment. Elevates from 3" to 10.5". Made of high strength steel. Available Specification: 6" x 6" and 8" x 8"



### Laboratory Scissors Jack, Stainless Steel 9003/9004

This unit is ideal for supporting or elevating beakers, flasks, water baths, stirrers, and other lab equipment. Elevates from 3" to 10.5". Made of high strength stainless steel. Available Specification: 6" x 6" and 8" x 8"



### Laboratory Scissors Jack, Chrome Plated 9005/9006

This unit is ideal for supporting or elevating beakers, flasks, water baths, stirrers, and other lab equipment. Elevates from 3" to 10.5". Made of high strength steel. Available Specification: 6" x 6" and 8" x 8"

## Overflow Can



### Overflow Can 1502

This unit is made of aluminum. Angled spout drains all displaced water for high accuracy. Measures 12.5 cm high and 8 cm diameter with 450ml capacity.



### Catch Bucket 1503

The traditional catch bucket and overflow can used for density and specific gravity determinations, Archimedes' principle, etc. Good grade aluminum construction.



### Overflow Can and Catch Bucket Set 1504

Overflow Can and Catch Bucket Set is used to find the volume of a body and to determine its specific gravity or for proving Archimedes' Principle. Consist of 3" dia. 5" high aluminum canister with spout and a 3" dia. 3" high seamless aluminum bucket.

## Pulley and Gear



### Pulley

All pulley's are sturdily constructed with an aluminum housing and plastic wheel.

**1606-1** plastic pulley, single

**1606-2** plastic pulley, double

**1606-3** plastic pulley, triple

**1606-4** plastic pulley, quadruple

**1606-5** plastic pulley, double tandem

**1606-6** plastic pulley, triple tandem

## 1606-8 Pulley on Rod

Pulley with extension arm, arm 50MM aluminum rod-mounted. Essential for teaching about simple machines and force! An aluminum 50mm pulley mounted on an aluminum support with handle. The rod mounted pulley can be used to build your own incline plane, and can be mounted to a support rod using a right-angle clamp. Rod-Mounted Pulley (10" x 2-1/2" x 3-3/4" .7lb).

**1606-8P** Same as above, only mounted with plastic pulley.



## Pulley with Table Clamp - Cast Aluminum

### 1606-20

The cast aluminum clamp mounts to the edge of any table up to 2-3/8" thick. The 2" diameter metal pulley is mounted to an 8" rod that can be fixed to any position up to 10-1/2" above the table.



## Pulley

All pulley's are sturdily constructed with an aluminum wheel. 50mm Diameter.

**1607-1** plastic pulley, single

**1607-2** plastic pulley, double

**1607-3** plastic pulley, triple

**1607-4** plastic pulley, quadruple

**1607-5** plastic pulley, double tandem

**1607-6** plastic pulley, triple tandem



## Pulley

All pulley's are constructed with aluminum housing and aluminum wheel. Specifications are as above.

**1608-1** aluminum pulley, single

**1608-2** aluminum pulley, double

**1608-3** aluminum pulley, triple

**1608-4** aluminum pulley, quadruple

**1608-5** aluminum pulley, double tandem

**1608-6** aluminum pulley, triple tandem

## Wheel and Axle

### 2302

This unit is designed to demonstrate mechanical advantage and conservation of energy. It is fitted with four coaxial pulleys of 35, 50, 65, and 105mm diameter. The wheel is fitted with a ball bearing which turns on a single steel rod



## MS102.2



## MS102.5



## MS102.6



## Ring and Stand



**MS129-2**



**Two Way Burner Stand  
1372**

This stand is ideal for use with our alcohol burners! The base is made from 3/16" stainless steel rod with a plated steel mesh top. Stand can be used in either high or low positions.



**MS140**

## Pump



**Vacuum Pump  
206-1**

Supplied with a pressure gauge that reads in both centimeters & inches of mercury. Pumping rate is 15ml per stroke, fitted with a valve to release vacuum without disconnecting the pump.



**Support Ring Stand**

Cast Iron with Black Enamel Finish. Removable rod is nickel plated steel.

- G14** Base 4" x 6", Rod 5/16" x 18"
- G15** Base 5" x 8", Rod 5/16" x 18"
- G16** Base 6" x 9", Rod 1/2" x 24"
- G17** Base 6" x 11", Rod 1/2" x 36"
- G14-R** Rod 5/16" x 18"
- G15-R** Rod 3/8" x 20"
- G16-R** Rod 1/2" x 24"
- G17-R** Rod 1/2" x 36"



**Vacuum Pump without Gauge  
206-2**

Supplied with or without a pressure gauge both. Pumping rate is 15ml per stroke, fitted with a valve to release vacuum without disconnecting the pump.



**Triangle Support Stands**

This unit is made of rugged cast iron for extra stability. They feature a backed-on black chemical resistant finish and chrome plated rods.

Available Specification:

- G21** Legs 4", rod 3/8" x 18"
- G22** Legs 4", rod 3/8" x 20"
- G22-1** Legs 5", rod 3/8" x 24"
- G23** Legs 6", rod 1/2" x 36"
- G24** Legs 6", rod 1/2" x 24"



**Hand Pump 4001**

This heavy duty hand pump is a combination of a pressure pump and a vacuum pump, specifically designed for physics labs to evacuate small amounts of air. Made of seamless metal pipe with a hardwood handle. 14x4x1.25", 13oz.





## Support Rings, Cast Steel

### G44 - G77

Zinc plated cast steel support rings with integral support clamps for attaching to support rods from 5/16" to 5/8" in diameter.

Specification available (Ring O.D.):

**2"(G45), 3"(G46), 4"(G47), 5"(G48), 6"(G44), 7"(G77)**



## Burner Tripods

This unit consists of a black chemical resistant enamel ring mounted on zinc plated detachable legs.

Available specification:

**G51** height 6", ring O.D. 3.5", ring I.D. 1.8"

**G52** height 9", ring O.D. 3.5", ring I.D. 1.8"

**G54** height 9", ring O.D. 5", ring I.D. 3"

## "A" Shape Support Stands

### G55

This unit is made of rugged cast iron for extra stability. They feature a backed-on black chemical resistant finish and chrome plated rods.

Available specification: G55-Base 6" x 8",

**G55-R-23** Rod 7/16"D x 23"L

**G55-R-36** Rod 7/16"D x 36"L



## Extension Support Ring

**2"(G110), 3"(G111), 4"(G113), 5"(G113)**



## Support Ring Stand

Stamped Steel with Black Finish Removable rod is nickel plated steel.

**G66** Base 4" x 6", Rod 5/16" x 18"

**G67** Base 5" x 8", Rod 3/8" x 20"

**G69** Base 6" x 11", Rod 1/2" x 36"

## Safety



## Apron - Rubberized Cloth

These aprons are made of chemical resistant PVC coated cloth which stays flexible. There is reinforcement at the points of strain.

**1050** Apron size: 36" x 27"

**1051** Apron size: 42" x 27"

**1052** Apron size: 42" x 36"

**1053** Apron size: 46" x 36"



## Perforated Goggles - Large 1383

### Perforated Goggles - Small 1384

These impact goggles are made from soft vinyl to fit the face comfortably and fit over regular eyeglasses. Perforations prevent fogging and provide protection from particles while offering a wider view of the work area than traditional impact goggles.



## Safety Glasses

### C-4

Adjustable Temple Length for a customized fit. Soft, pliable nosepiece fits a variety of facial features comfortably, lens provides great side protection than competitive models.



### Safety Glasses

**C-5**

Single, replaceable wraparound lens for full peripheral vision. Impact-resist-tan polycarbonate lens blocks 100% of harmful ultraviolet radiation.



### Safety Glasses

**C-6**

100% polycarbonate material, resist, impact.



DG001-2



Dg006



DG028



DG2007

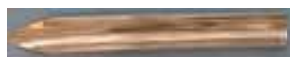


DG2008



SG079

## Scoop and Scrape



### Lab Scoop

**1835**

Stainless steel lab spoon, 10pc/pk



### Lab Scoop Handle

**1836**

Lacquered wooden handle to fit lab scoop.



### 1837 Scoops, Sterile 4oz

### 1838 Scoops Sterile Teaspoon

### 1839 Scoops 2oz

Disposable Scoop, HDPE, individually packed, handle length 4".



### Combustion Spoon

**MS604-1** 1.5cmD, 41cmL

**MS604-2** 3cmD, 29cmL

**MS604-3** 1.5cmD, 41cmL, with Aluminum Cap.

This deflagrating and combustion spoon is designed for burning phosphorus, sulfur, etc. Stainless steel spoon has a 15" handle and the diameter is 3/4"



### Wooden handle scrape

**MS605.2**

Stainless steel lab scrap with hard wooden handle.

## Spoon and Spatula



### Spoon and Spatula - Stainless, Semi Micro

**1832** Spoon, bowl is 30mmx9mm

Spatula is 45mm x 9mm. Over length is 18-20cm

**1834** Spoon, bowl is 50mmx9mm

Spatula is 45mm x 9mm. Over length is 22cm.



### Stainless Steel Spoon

Stainless steel lab spoon, available in different specifications bellow.

**MS603-1** 10.5mm

**MS603-2** 12.5mm

**MS603-3** 14mm

**MS603-4** 16mm

**MS603-5** 20mm

## Test Tube Rack



### Test Tube Racks, Wooden

**2202** Wooden rack, 8 holes x 22mm diameter

**2203** Wooden rack, 8 holes x 22mm diameter

**2206** Wooden rack, two tiers, 7 holes x 20mm D, 6 holes x 26mm D



### Test Tube Racks, Plastic

**2204** Plastic Rack, 8 Holes x 16mm Diameter

**2205** Plastic Rack, 12 Holes x 18mm Diameter



### Plastic Test Tube Rack

**2204a**

ABS plastic rack can hold 6 tubes and drying pins for 22mm tubes.



### Test Tube Racks, Wooden

**2206**

Wooden Rack, Two Tiers,  
7 Holes x 20mm D, 6 Holes x 26mm  
Diameter



### Test Tube Racks, Wooden

**35600**

Wooden Rack, Two Tiers,  
7 Holes x 20mm D, 6 Holes x 26mm D



### Centrifuge Tube Rack, Plastic KJ810

Rack of centrifuge tube 0.5ml  
Rack of centrifuge tube 1.5ml



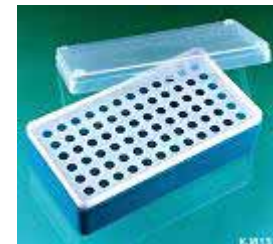
### Test Tube Rack, Plastics KJ811

Rack for test tubes dia. 13  
Rack for test tubes dia. 16  
Rack for test tubes dia. 18



### Test Tube Rack, stainless Steel KJ812

Rack for test tubes dia. 13  
Rack for test tubes dia. 16



### Rack for Centrifuge Tube KJ813

0.5ml, 72 wells  
1.5ml, 72 wells



### Rack for Tips KJ814

1000ul, 100 wells  
200ul, 96 wells



### Rack for Test Tubes

**KJ815**

Rack for test tubes, dia. 13

Rack for test tubes, dia. 15

Rack for test tubes, dia. 18



### Multi Purpose Tube Rack

**KJ816**

## Timer and Stopwatch

### Digital Stopwatch



### 1397 Digital Stopwatch

This electronic stopwatch comes complete with battery and carrying cord. Featured on this stopwatch are hour, minute, second, calendar display, 24 hour stopwatch, hourly chime, alarm, split time and total time, 12 or 24 hour mode option, and 1/100 second chronograph. Lightweight and easy to operate.



### MD1-001 Digital Stopwatch

- 1 lines display
- 1/100 seconds
- 1 memories
- time /calendar
- display size: 10.8\*37mm
- plastic case: 80.5\*62\*20mm



### MD1-003 Digital Stopwatch

- 1 lines display
- 1/100 seconds
- 1 memories
- time /calendar
- display size: 18\*37mm
- plastic case: 64\*53\*19mm



### MD-2-008 Digital Stopwatch

- 2 lines display
- 1/100 seconds
- up to 99 split/lap
- 8 memories
- time /calendar
- countdown timer, pacer
- display size: 20\*38mm
- plastic case - size:80.5\*62\*20mm



### MD3-010 Digital Stopwatch

- 3 lines display
- 1/100 seconds
- up to 99 split/lap
- 10 memories
- time /calendar
- countdown timer, pacer
- display size: 27.5\*40mm
- plastic case
- size: 80.5\*62\*20mm



### MD3-0080PCL Digital Stopwatch

- 3 lines display
- 1/1000 seconds
- up to 99 split/lap
- 80 memories
- time /calendar
- countdown timer, pacer
- plastic case
- color/black - LCD



## Mechanical Stopwatch



**Stainless Steel Stopwatch  
MS83101A**  
1/10 second recorder  
30 seconds  
15 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Size: 55x77.4x14mm



**Stainless Steel Stopwatch  
MS86305B**  
1/5 seconds recorder  
60 seconds  
30 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Reset: side button  
Size: 55x77.4x14mm



**Stainless Steel Stopwatch  
MS83302A**  
1/10 seconds recorder  
30 seconds  
30 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Size: 55x77.4x14mm



**Stainless Steel Stopwatch  
MS86601A**  
1/5 seconds recorder  
60 seconds  
60 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Reset: side button  
Size: 55x77.4x14mm



**Stainless Steel Stopwatch  
MS84301A**  
1/5 seconds + 1/100 minute recorder  
60 seconds  
30 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Reset: side button  
Size: 55x77.4x14mm



**Stainless Steel Stopwatch  
MS96606A**  
1/5 seconds recorder  
60 seconds  
60 minutes  
13 jewels  
Case: stainless steel  
Start/stop: crown  
Reset: side button  
Size: 55x77.4x14mm



### Chrome Plated Stopwatch MS503

1/10 second recorder  
30 seconds  
15 minutes  
13 jewels  
Case: brass, chrome plated  
Start/stop: crown  
Reset: side pusher  
Size: 50 x 70 x 16mm



### Chrome Plated Stopwatch 566

1/5 second recorder  
60 seconds  
60 minutes  
13 jewels  
Case: brass, chrome plated  
Start/stop: crown  
Reset: side pusher  
Size: 50 x 70 x 16mm



### Chrome Plated Stopwatch 504

1/10 second recorder  
30 seconds  
15 minutes  
13 jewels  
Case: brass, chrome plated  
Start/stop: crown  
Reset: side pusher  
Size: 50 x 70 x 16mm



### Chrome Plated Stopwatch 505

1/5 second recorder  
30 seconds  
60 minutes  
13 jewels  
Case: brass, chrome plated  
Start/stop: crown  
Reset: side pusher  
Size: 50 x 70 x 16mm

## Timer



### 1390 Hand Tally (Counter)

This hand tally is ideal for various lab applications including taking surveys, counting total drops of liquid and blood samples, and performing laboratory inventory. Records to 9999 with four digits. Button has an audible click when depressed.



### 2008 Spark Timers

Acceleration, Spark Timer with accessories. This apparatus is used for determining the rate of acceleration in a falling weight, calculating the speed of moving cart or studying the forces of friction. A paper strip is pilled through the timer while a spark at a very precise interval is created which burns tiny dots into the paper strip as it passes. The faster the strip passes through the sparks the large distance between dots. It is easy then for the student to calculate the rate of speed for acceleration. As an added benefit, everything on the spark timer is enclosed for safety. 110 volt.



## 2009 Digital Timer and Photogate

The solid state apparatus is a must for any physics class and is perfect for our air track and free fall apparatus. Two photo-gates are included, each with its own shielded connecting cord and mounting screws. The timer has functions for timing, mechanical periods of oscillation, acceleration, collision velocities, counting and more

## Tongs



### Crucible Tongs

**G33** Made of Brass, serrated, 10"

**G56** Made of stainless steel, serrated, 10"

**G57** Made of steel, plated, serrated, 10"

Tapered tips are serrated and meet tightly for better gripping. Overall length is 10". Available in three type tongs; Made of stainless steel, nickel plated steel or brass.



### Beaker Tongs

**G71** Steel, plated, uncoated jaw, length 10"

**G72** Steel, plated, coated jaws, length 10"

Designed for use with beakers from 50ml to 2000ml. Made of zinc plated steel with flat riveted joint. Easy grip handles. Available with or without coated jaws. Maximum jaw opening is 7" (18cm). Length is 9.5" (244mm)

## Miscellaneous



### Rubber Hammer

**20-28**

Used for striking a tuning fork, with a hard rubber head of 1-1/2" dia. and a varnished hardwood handle of 8" long.



**390-391**



### Disposable Plastic Pipettes

**1300-4P**



### Safety Pipette Filler

**1370**

This rubber pipette is used to safely draw liquids into a pipette. One valve is used to release air, draw in liquid with another, and the third valve regulates and releases the liquid.



### Rubber Stoppers

**1902-1917**

An excellent grade of rubber. Low sulfur content. Size numbers are molded into the top. One pound per bag. Available size from #000 to #13.



### Wood Splints

**2306-PK**

Useful for variety of general laboratory applications. Packed in bundles of 500 each, with 50 packs per case.



### **2306-PK-A Tongue Depressors**

Non-sterile, smooth, clean birch wood. 500 pcs/box, 10 boxes/case.

**2306-PK-A-1** Senior size, 5 7/8" x 13/16"

**2306-PK-A-2** Junior size, 5 1/2" x 5/8"



### **Hook Collar**

#### **35022**

These units are excellent for attaching cords, pulleys, pendulums and other apparatus to support rods. The nickel-plated hook collars come with hook and thumbscrew.



### **Sample Vials**

#### **3000-VC**

Materials: Linear low-density polyethylene  
With friction-fit, snap closures. Useful for samples, pH cups, weighing vessels and packing applications. Will not shatter like polystyrene vials.



### **Springs for Hooke's Law**

#### **MS106.2**

A set of 5 springs with different spring constant (k)- they stretch by 2cm with a load of 0.5N, 1N, 2N, 3N and 5N respectively. Pre-stress has been removed for accurate results. With a hook to support weight hanger and a red arrow to indicate positions.



### **Wire Gauze with Ceramic Center**

Available with or without ceramic center.  
Double turned edges eliminate sharp wire ends.

**4000-1** Wire Gauze with ceramic center, 3"

**4000-2** Wire Gauze with ceramic center, 4"

**4000-3** Wire Gauze with ceramic center, 5"

**4000-4** Wire Gauze with ceramic center, 6"



### **Wire Gauze without Ceramic Center**

**4000-1B** Wire Gauze without ceramic center, 4"

**4000-2B** Wire Gauze without ceramic center, 5"

**4000-3B** Wire Gauze without ceramic center, 6"

**4000-4B** Wire Gauze without ceramic center, 7"