NEW GILBERT CHEMISTRY SETS

With the new Gilbert Chemistry Sets you can accomplish new chemical experiments never before offered in toy sets. Up to date! New chemicals, new equipment, new apparatus such as buoys, thermometers, flasks, scales (in some sets).

No. 1 CHEMISTRY, Dandy Beginner's Set
23 pieces of chemicals and apparatus including wood test tube rack. Large manual of instructions shows how to do 151 experiments. Packed in 4 color labeled carton size 13½" x 9½" x 11½". 1½ lbs. 12 to carton. 20 lbs.

No. 2 JUNIOR CHEMISTRY LABORATORY
A laboratory set for the beginner. Make fire ink, dye cotton cloth, fire-proofing experiments, explore why silver tarnishes, etc. 25 pieces of chemicals and apparatus. 15½" of metal shelf room and wooden test tube rack. 151 experiments all explained in big instruction book. Packed in blue wooden laboratory cabinet. Size open, 19½" x 8¾" x 2½". 12 to carton. Weight 26 lbs.

SELECTIVE EQUIPMENT FOR BOY CHEMISTS
Nationally Advertised Yearly Prize Awards

No. 3 INTERMEDIATE CHEMISTRY LABORATORY
With this great outfit for the amateur chemist you can clean silverware electrically, make ammonia, bleach and dye all sorts of things, etc. These are only a few of the 345 experiments that you can do with the 49 pieces of chemicals and apparatus as described in big manual. Has three feet of metal shelf room and test tube racks. Packed in two-door blue wooden laboratory cabinet. Size 19½" x 14½" x 28½". 4½ lbs. 6 to carton. 27 lbs.

No. 6 SENIOR CHEMISTRY LABORATORY
Imagine making colored fire! Testing foods for their elements! Making real cement! Making sparklers, soda water! Tanning leather! All are easily done with this combination Chemistry and Glass Blowing Outfit. 63 pieces of Chemicals and Apparatus including chemistry manual and glass blowing manual. Packed in two-door blue wooden laboratory cabinet with five feet of metal shelf room and test tube racks. More than 400 exciting chemical feats. 26½" x 14½" x 2½". 5½ lbs. 6 to carton. 35 lbs.

LEFT—No. 10 Inventor's Chemistry Laboratory
Rows and rows of chemicals at your finger tips. With this laboratory you can delve into the wizardry of chemical magic. 100 pieces of chemicals and apparatus including scales and three big books describing over 600 experiments in Chemistry, glass blowing and chemical magic. Packed in large blue wooden laboratory box. 3½ ft. test tube racks and shelf room. Size overall 39¾" x 14½" x 25½". Weight 55 lbs. 3 to carton. Weight 32 lbs.

No. 15 MASTER SCIENTIST'S CHEMISTRY LABORATORY
This unrivalled Chemistry Laboratory is the finest set for the student or young scientist. Includes chemicals, apparatus and equipment with four big manuals giving experiments in Chemistry, Glass Blowing, Mineralogy and Chemical Magic. Also scales, beaker, flask, alcohol lomo, gas generator, thermometer. Contains over nine feet of shelf room and test tube racks. Performs over 800 experiments. Many of these experiments never before offered in experimental chemistry, dry-ice experiments, artificial refrigeration, ethyl gas, lacquers, paints and water colors, testing of foods, electric chemistry, electro-plating, electrolyzing, etching, electrophoresis, etc. Packed in blue wooden laboratory cabinet. Size 51½" x 14½" x 28½" overall. Individually packed, 15 lbs.
GILBERT MICROSCOPE SETS

Every Set with a Polarizing Scope except No. 1

No. 1 MICROSCOPE SET
Contains 150 power Microscope with arrangement for tilting, spring clips to hold slides, adjustable mirror slides, specimens, dissecting needle, forceps, specimen collector, slide covers and manual. Size 6 9/16" x 9 5/8" (open 16 3/4") x 2 3/8". 12 to carton, 15 lbs.

SUBSTAGE LIGHT
Correct lighting is a great aid to the thorough enjoyment of a microscope. The Gilbert substage light is simple and easy to use. Chrome plated. It comes complete with bulb and guard and a good length of cord ready to plug into any 110 volt socket. Packed 6 to carton.

No. 2 MICROSCOPE SET
Contains Polaroid Jr. and 150 power Microscope with tilting device, wheel focusing, spring clips on both sides of stage to hold slide and polarizer. Adjustable mirror, glass slide, specimen, cover glasses, dissecting needles and manual. Packed in cardboard cabinet. Size 10 1/2" x 8 9/16" x 3 7/8". 12 to carton, 22 lbs.

No. 3 MICROSCOPE SET
Popular priced Microscope outfit featuring Polaroid Jr. analyzer and polarizer. Ideal for beginner. Microscope is 200 power with rock and pinion focusing, adjustable mirror and spring clips on both sides of stage. Set includes manual, a prepared slide and extra slides, cover glasses, labels, hand magnifying glass, dissecting needles, chemicals and stains, liberal supply of expensive slides and a specimen box. Packed in cardboard cabinet. Size 18 3/4" x 9 1/2" x 3 3/4". 6 to carton, 15 lbs.

At left
No. 5S MICROSCOPE
Has cast frame and base, with tilting device, rock and pinion focusing. Both objective and eyepiece are mounted and fitted to chrominum plated tube. Finest ground and polished lenses giving up to 110-150 diameters. Microscope stands 1 1/2" high.

At right
No. 510 MICROSCOPE
Professional type Microscope with 3 objectives mounted in turrets that rotate and are protected by heavy dust proof cap. Finest ground and polished lenses giving magnifications ranging from 95-450 diameters. Microscope has tilting device and finely adjusted rock and pinion focusing with two focusing knobs to facilitate exact work.

No. 5 MICROSCOPE SET
Equipped with Polaroid Jr. Scope has high resolving power, 50, 90 and 210 diameters. Rock and pinion focusing, 36 pieces of chemicals and equipment including slides, specimens, stains, dissecting kit, large dissecting piece with magnifying lens and an illustrated manual showing how to do 231 experiments. In cardboard box size 18" x 10 1/2" x 2 3/4". 6 to carton, 28 lbs.

No. 7 MICROSCOPE SET
A handsome presentation outfit in professional type wooden cabinet, 110-150 power Microscope showing wide field in clear detail. Splendid optical system. Features Polaroid Jr. analyzer and polarizer. Microscope has rack and pinion focusing with two wheels, tilting arrangement and draw tube. 11 5/8" extended. Black finish with chromium trim. Set includes unusually complete illustrated manual of things to do, 4 piece magnifying unit, 2 dissecting needles, 9 vials of chemicals and stains, prepared slide and extra glass slides, specimen jar, specimens, labels and cover glasses. Packed in wooden cabinet. Size opened 14 1/2" x 20" x 3 3/8". 6 to carton, 35 lbs.

No. 10 MICROSCOPE SET
Deluxe outfit in wooden cabinet featuring Polaroid Jr. analyzer and polarizer. Contains professional type Microscope equipped with three different objective lenses mounted in turret giving from 95 to 400 power with tube extended, also interchangeable range. Has a substage light, bench microscope, alcohol lamp, adequate supply of specimens and all the equipment included in set No. 7. Really a complete set for advanced work. Size opened 14 1/2" x 20" x 3 3/8". 3 to carton, 25 lbs.
GILBERT SCIENTIFIC TOYS

left—No. 2 GLASS BLOWING
31 pieces of glass tubes, equipment and apparatus including a constant self-generating alcohol blow torch and 64-page manual showing how to do 80 experiments in glass blowing including how to build a submarine syphon, levels, air gun, magical experiments, etc. 18" x 10" x 1½". 2 lbs. 6 to carton, 14 lbs.

right—No. 2 MINERALOGY
45 pieces of minerals, equipment and apparatus including blow pipe, assortment of minerals with manual of instructions showing how to analyze, test and identify various minerals. 18" x 10" x 1½". 1½ lbs. 6 to carton, 12 lbs.

left—No. 6 OPTO KIT
Complete apparatus and all necessary parts to build genuine serviceable instruments for numerous fascinating and scientific experiments. Over 50 instruments and experiments can be made from this set, including various types of magnifying glasses, microscopes (compound and simple) at various powers, Kaleidoscope, Telescopes, Periscopes, Signal Device, Camera models, Magic Lantern, Shadow Projector, Flashlight and a series of fascinating and interesting experiments with light. Attractively packed in a colored cardboard box, size 20½" x 13½" x 2½". Weight 5 lbs. 8 to carton, 17 lbs.

above—No. 3 CABINET
16 pieces in green metal carrying case with brass handle and suit case catches. Attractive label on cover. Size 17½" x 9¾" x 3". Weight each 8½ lbs. 6 to carton, 55 lbs.

above—No. 5 CABINET
16 pieces of better-grade tools for the young carpenter. 16" cross-cut saw, 7½" Pipe Plane, brace with 2-jaw screw chuck. Assembled in blue metal carrying case with brass handle. Size 18½" x 10½" x 3". Weight each 9½ lbs. 6 to carton, 60 lbs.

above—No. 6 CABINET
Handy Set—22 pieces of real practical tools—16" Saws, large brace, 2-jaw screw chuck, hammer, 9½" plane, level, etc. Red metal carrying case, brass handle, 2-jaw screw chuck, etc. suit case catches. Attractive label on cover. Size 20½" x 13½" x 3". Weight 15 lbs. 8 to carton, 40 lbs.

No. 1 CABINET
Contains 10 pieces for the young carpenter. Packed in blue metal carrying case with brass handle and suit case catches. Size 14½" x 8½" x 2½". Weight each 4 lbs. 12 to carton, 49 lbs.

above—No. 2 CABINET
Packed in red metal carrying case with brass handle. Attractive 4-color label on inside and outside cover. Contains 18 useful tools. Size 16½" x 8½" x 2¼". Weight 5½ lbs. 6 to carton, 34 lbs.

No. A810H COMBINATION ELECTRIC LATHE & DRILL
Practical lathe for home or hobby use. Motor with handle can be removed and used as a complete drill unit. Powered by powerful universal motor operating on 110 Volts A.C. or D.C. Toggle switch. Gear Reduction Drive spindle threaded to accommodate face plate. Spindle fitted with ball thrust bearing. Size 24" heavy gauge steel bed with embossed ways to insure accuracy. 5" swing complete with tool rest, tail stock, wrench, chuck and spur center, cutting tool, gouging tool, chisel. Finished in nickel and blue. 1 to carton, 18 lbs.

No. B144 HOBBY DRILL—ELECTRIC MOTOR DRIVEN
Ideal for the model builder or household use. Sturdy, dependable. Suits tight places. Easy to handle for steel, metals or wood. Powered by Gilbert universal motor 110 Volts A.C. or D.C. Complete with chuck, rubber cord and plug cap, toggle switch. Takes up to 1½" straight Shank drills. Finish aluminum with blue handle. Underwriters’ approved. Weight each 3½ lbs. six to carton, carton weight 24 lbs.

No. 10 GILBERT JIG SAW
Big, sturdy, powerful and speedy. Cuts with absolute precision. C Frame with reinforced crescent sections. 6½" square steel work table, spring tension on saw, constantly adjusted, adjustable pointer for holding work in position. Roll guide protects saw against breakage. Cast iron drive wheel, all size scored for attaching sandpaper discs for smoothing work. 110 Volts Universal Motor A.C. or D.C. with simple oscillating motion having minimum vibration. Motor enclosed in heavy steel, rigidly mounted to C frame. Finish aluminum and black. Size 5½" x 17½" x 17½. 1 to carton, 23 lbs.

above—No. 10 CABINET
Household Treasure Chest. Packed in blue metal carrying case, brass handle, reinforced corners and suit case catches. Contains 30 pieces including 16" cross-cut saw, Scroll Saw, Chisels, Drills, 9½" Plane, Metal Vice, Soldering Iron, 4-jaw screw chuck, etc. Size 20½" x 13½" x 2½". 1 to carton, 29 lbs.
No. 1 GILBERT MYSTO MAGIC
Ten tricks for the pocket or stage. Simple and easy to perform, including the famous and mysterious Photoplasmic Mystery, Cut and Restore Paper Ribbon, Multiplying Cards, Multiplying Coins, Vanishing Handkerchief, Buddha Money Mystery, Phantom Card Trick, Gobbling Ding, Hiding Chessman, Spiral Wire Illusion. Size 18" x 10" x 1 1/4". Weight each 1 lb. 12 oz. to carton, carton weight 14 lb.

No. 2 GILBERT MYSTO MAGIC
Contains 12 Startling and Mystifying tricks including Famous Ming Toy Laundry Ticket, Mysterious Vanisher, New Ace Trick, Sohva Card Trick, Multiplying Billiard Balls, Jumping Peg, Swedish Mind Reading Wristlet, Mysterious Linking Rings, etc. Includes make-up kit of moustache and goatee and poster. Simple, effective, up to date. Can be performed anywhere from the drawing room to the stage. Packed in cardboard box. Size 20 3/4" x 13 3/4" x 1 1/4". New, attractive, sensational four-color label. Weight each 2 lbs., 6 oz. to carton, 14 lbs.

No. 3 GILBERT MYSTO MAGIC
All new and different tricks that are not contained in any other set, such as Tripping Fan, Balance of Fate, Boiling Handkerchief problem, the Great Solid thru Solid Mystery, Elusive Dice, Patriotic Cylinder, Chinese Ling Ho, Chinese Ling Foo, and many others. Two manuals, one on Magic and one on coin tricks. This set contains some of the world's most renowned Magic Tricks. Make-up Kit includes Moustache, Goatee and poster. Packed in cardboard hinged cover box with new attractive label. Size 20 3/4" x 13 3/4" x 1 1/2". Weight 2 lbs., 6 oz. to carton, 14 lbs.

No. 5 GILBERT MYSTO MAGIC
Contains an assortment of mystifying tricks by the World's greatest magicians including Famous Dice in the Box Mystery, Magician's Rhapsody Glass and Bottle Transmission, Handkerchief Caseteo Trick, Drum Head Tube Trick, Acrobat, Wedding Ring, Vanishing Handkerchief, Trick Coin and Magic, Knits and Splices manual that describe many additional tricks. Give complete two-hour show and entertainment. Make-up kit includes moustache, goatee and poster. Packed in hinged cover cardboard box with attractive new label. Size 20 3/4" x 13 3/4" x 2 1/2". Weight each 3 lbs. 3 oz. to carton, carton weight 16 lbs.

No. 1031 1/2 PUZZLE SET
13 puzzles assembled in four color label carton. Complete manual of instructions. Size 9 1/2" x 13 1/2" x 1 1/4". Weight 1 lb. 8 oz. Packed 24 to carton, carton weight 26 lbs.

No. 1032 GILBERT PUZZLE SET
21 fascinating puzzles. Instruction book giving details as to solution. Packed in four color labeled carton. Size 10" x 18" x 3/4". Weight 1 1/4 lbs. 12 oz. to carton, 23 lbs.

No. 1033 TRICKS AND PUZZLES
Contains 23 wire puzzles and six new and fascinating puzzles such as Radio Tube Trick, Hungry Pup Trick, Ring-a-jing, Ball and Gear, etc. Amusing, educational, interesting. Packed in cardboard box, 20 1/2" x 13 1/2" x 1 1/4". Weight each 3 lbs., 6 oz. to carton, 20 lbs.

No. 14 XMAS TREE TURNTABLE (table model)
Electric motor-driven. Holds three or four foot tree. Motor revolves tree slowly, switch permitting tree lights to be lighted or turned off. Finished in white. Music box can be purchased separately.

No. 15 XMAS TREE TURNTABLE
Suitable for revolving an 8-foot tree fully trimmed. Will revolve evenly balanced load up to 100 lbs. Double socket bakelite plug permits two strings of electric light bulbs. Removable tree socket holds water. Three thumbscrews securely fasten butt of tree. Two special switches—one for lights and other for motor control. Ideal for home, window, or counter display. Lasts for years. Induction motor operating on 110-Volts A.C. 60 cycles only. 1 to carton, 14 lbs. Music box can be purchased separately.
No. 1 1/2 ERECTOR
Dandy Beginner's Set. Builds many different models such as job crane, battleship, wagon, trucks, etc. Large assortment of parts and How-to-Make-'Em Book. Packed in cardboard box with 5 color label. Size 13 1/4" x 9 1/4" x 3 1/2". Weight 1 1/2 lbs. 24 to carton, 36 lbs.

At right — SUPER No. 5 1/2 ERECTOR
Has 110 volt A.C. Induction motor. No batteries or transformers to buy. New big base plates, large wheels, pulleys, gears, pinion, all necessary parts for building Merry-go-round, Dock Hoist, Elevators and numerous other models operating under their own power. Gear box reverses, transmits and increases power and speed. How-to-Make-'Em Book. Packed in metal cabinet. Size 16 1/4" x 8 1/2" x 2 7/8". Weight 3 1/2 lbs. 6 to carton, 54 lbs.

No. 2 1/2 ERECTOR
Apprentice Set with big red wheels, curved and long girders, etc. Builds Ferris Wheel, Draw Bridge, Elevator, Cranes, etc. Packed in cardboard box with 5 color label and How-to-Make-'Em Book. Size 15 1/4" x 10 1/2" x 6 1/4". Weight 2 1/2 lbs. 12 to carton, 34 lbs.

At right — THE SENSATIONAL No. 6 1/2 ERECTOR
Induction motorized electric engine with gears, pinions, pulleys, etc. Operates on 110 Volts A.C. only. Builds windmill, pump, airplane, etc. Includes miniature house for bridge tender, ticket seller, watchman, etc. How-to-Make-'Em Book. Packed in metal cabinet. Size 16 1/2" x 8 1/4" x 3". Weight each 10 lbs. 6 to carton, 62 lbs.

No. 3 1/2 ERECTOR
Intermediate Set with new big base plates, angle girders, big wheels, etc. Builds Bridges, Derricks, Walking Beam Engine, Lift Bridge, Snow Remover, Trucks, etc. Packed in cardboard box with 5 color label. How-to-Make-'Em Book. Size 15 1/2" x 13 3/4". Weight 4 1/2 lbs. 12 to carton, 55 lbs.

At right — No. 7 1/2 ERECTOR
The Electric Engine Set. Electric engine with gear shift operates two movements, each of which can be independently stopped, started, or reversed. Electric lights illuminate models. Builds all types of steam engines, trucks, derricks, etc. Includes boiler, bell, motors, base plates, gears, pinions, etc. How-to-Make-'Em Book. Packed in metal cabinet 16 3/4" x 10 1/2" x 3 1/2". Weight each 12 lbs. 3 to carton, carton weight 36 lbs.

FAMOUS No. 4 1/2 ERECTOR
The set with powerful mechanical motor. No wires, batteries or transformer necessary. Builds horizontal engine, winmill, treo hammer, trucks, etc. Miniature house for bridge tender, ticket seller, watchman, etc. Includes gears, large wheels, base plates, etc. How-to-Make-'Em Book. Packed in hinged cover cabinet. Size 18 1/4" x 10 1/4" x 5 1/2". Weight 7 lbs. each. 6 to carton, carton weight 45 lbs.

At right — No. 8 1/2 ERECTOR
The Engineer's Set, with 110 Volt reversing electric engine, lifting magnet. Builds Ferris Wheel, Bridges, Oil Drilling Rig, Magnetic Cranes, Derricks, etc. Includes lights, miniature house, increased number of base plates, girders, etc. How-to-Make-'Em Book. Packed in metal cabinet. Size 20 1/4" x 12 3/4" x 3 1/2". Weight each 18 lbs. 3 to carton, carton weight 54 lbs.
No. 9½ ERECTOR
The Automotive Set. Electric engine with gear shift for forward, reverse and stop. 110 Volt A.C. only. Electric lights illuminate models. Chassis parts, big channel girders, giant fly wheel, etc. The set that builds the Giant Power Plant, automobiles, trucks, elevator, mammoth walking beam engine, etc. How-to-Make-'Em Book. Size 22 1/8" x 13 1/4" x 3 1/2". 1 to carton. Weight 25 lbs.

No. 10½ ERECTOR
The Electric Train Set. Features completely assembled electric locomotive with circle of track. Additional equipment builds tender, freight cars, turntable and many other fine models. Contains two motors—mechanical motor and electric engine operating on 110 Volt A.C. with forward and reverse movements. Electric lights illuminate models. Electro-magnet, miniature house, etc. Packed in metal cabinet. Size 24 1/8" x 14 3/8" x 4 1/8". 1 to carton; 37 lbs.

The KIDDIKINS of KIDDIKIN-LAND
They're a brave little, queer little band and they act in a very strange way. And only wee children will understand what the Kiddikins have to say.

The inhabitants of Kiddikin-Land are indeed a happy family that will delight the heart of every child. A new toy every day—a toy you can play every day—the year round! Kiddikins consist of a selection of interchangeable wooden parts which the child puts together quite easily in a simple manner. The parts are finished in brilliant colors—red, yellow, blue, green and natural—and they combine to make an intriguing group of comical figures and amusing animals. Packed in attractive modern transparent Kodapak container with instructions clearly illustrating twenty-five figures and animals that can be made. Weight each 2 lbs. 24 to carton, carton weight 48 lbs.
No. 2 DETECTIVE KIT
A complete scientific fingerprinting outfit. Explains modern method of crime detection as used by the famous "G" man and Scotland Yard detectives. Included in kit is complete detection set which may be concealed in a room and used to listen in on play conspiracies. Thrilling espionage fun for the modern boy. Packed in cardboard box 13½" x 10½" x 1½". Weight each 2 lbs., 6 to 10 lbs., cardboard weight 14 lbs.

No. 5 TELEPHONE SET
Practical, modern two-way telephone. Consists of two complete French hand sets with receiver, transmitter and dial in base for calling other station. Each base has space for two flashlight batteries (not included). 100 feet copper wire and directions included. Packed in cardboard box 14½" x 6½" x 16½". Weight each 5 lbs. 6 to 10 lbs., cardboard weight 20 lbs.

No. 10 ADVANCED ELECTRICAL SET
The set of the Sensitive Microphone, Electric Eye, Magnetoan, Telegraph Key, Bulbs two Motors, Telephone Receiver. Large assortment of parts for many fascinating experiments. Three large books tell how. Packed in cardboard box 20½" x 13½" x 9½". Weight each 7 lbs. 3 to 15 lbs., cardboard weight 24 lbs.

No. 3 FUN WITH ELECTRICITY
Thefoo that electrifies and illuminates. Contains parts and instructions for building electric motor, electric magnets, bell, buzzer. Teaches and demonstrates fundamentals of frictional electricity. Size 20½" x 13½" x 9½". Weight each 2 lbs., 6 to 10 lbs., cardboard weight 14 lbs.

No. 6 ELECTRIC EYE
Mysteries of electrical action through Selenium Cells and Sensitive Relay. Equipment mounted on panel and wired for operation. All experiments illustrated and explained in manual. Basis of action through light rays penetrating Selenium Cells which is extremely sensitive to changes of light, either greater or less conductivity. Lights electric light when light is cut off. Rising sun operates alarm—smoke alarm—auto lights sound garage alarm and other mysterious electrical stunts. Operated from 220 volt 8 battery and two 1½ volt dry cells purchased separately. Size 12½" x 8½" x 2½". Weight each 4 lbs. 6 to 10 lbs., cardboard weight 24 lbs.

No. 3502 TELE-SET
Complete Telegraph instruments. Sending and Receiving. C.W. Buzzer type for communications flash for night signaling or silent code. High pitch buzzer, bell, reflector, quick action key, International Morse code charts. 100 ft. wire, Instruction book. Operates on two standard flashlight cells purchased separately. Size 12½" x 8½" x 2½". Weight each 2 lbs., 6 to 10 lbs., cardboard weight 13 lbs.

GILBERT ELECTRICAL AND SCIENCE SETS

GILBERT MOTORS

<table>
<thead>
<tr>
<th>Model</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>CYLINDERS</th>
<th>SWITCH</th>
<th>SIZE</th>
<th>COLOR</th>
<th>NO. TO CAR</th>
<th>CAR. WGT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-10</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>4½&quot;x3½&quot;x1½&quot;</td>
<td>NICKEL AND BLACK</td>
<td>6</td>
<td>14 lbs.</td>
<td></td>
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<tr>
<td>P-51</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>5½&quot;x3½&quot;x2½&quot;</td>
<td>NICKEL AND BLUE</td>
<td>6</td>
<td>20 lbs.</td>
<td></td>
</tr>
<tr>
<td>P-50</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>3½&quot;x3½&quot;x1½&quot;</td>
<td>NICKEL AND RED</td>
<td>6</td>
<td>11 lbs.</td>
<td></td>
</tr>
<tr>
<td>P-78</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>3½&quot;x3½&quot;x1½&quot;</td>
<td>NICKEL AND RED</td>
<td>6</td>
<td>11 lbs.</td>
<td></td>
</tr>
<tr>
<td>A-10</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>5½&quot;x3½&quot;x2½&quot;</td>
<td>NICKEL AND BLUE</td>
<td>6</td>
<td>17 lbs.</td>
<td></td>
</tr>
<tr>
<td>P-48</td>
<td>110v. A.C.</td>
<td>60 CYCLES</td>
<td>ONLY</td>
<td>4½&quot;x2½&quot;x1½&quot;</td>
<td>NICKEL AND RED</td>
<td>6</td>
<td>5 lbs.</td>
<td></td>
</tr>
</tbody>
</table>
GILBERT KASTER KITS

KASTER KIT MOLDS
Boys want this complete assortment of molds. Build army scenes, Air and Sea Fighters, Parades, Base Ball and Foot Ball Players, Bands, etc.
Molds 1 to 29 used with all Kaster Kits.

LISTING—NAME AND NUMBER
1. Army Officer
2. Infantry (2)
3. Indian
4. Howitzer
5. Infantry (1)
6. Cavalry
7. Elephant
8. Airplane
9. Battleship
10. Cowboy
11. Boy Scout
12. Police Badge
13. Locomotive
14. Tank
15. Kneeling Soldier
16. Fire Engine
17. Football Lineman
18. Football Backfield man
20. Baseball Fielder
21. Drum Major
22. Drummer
23. Clarinet
24. Violin
25. Violinist
26. Clarinetist
27. Balloon
28. Brazil Horn Player
29. Machine Gunner

SLUSH MOLDS for No. 7 KASTER KIT
(Cannot be used with other Kaster Kits)
New Improved slush molds produce hollow castings. Big Economy! Use only half as much metal. Make third dimension figures in natural proportions.

No. 2 METAL CASTING SET
Grafix with two molds, three figures—Cavalryman, officer, infantryman. 4 lbs. 6 to carton, carton weight 26 lbs.

No. 3½ KASTER KIT
Electric, automatic, approved by Underwriters. Complete outfit for casting soldiers, animals, Indians, etc. Simple to operate. Heat supplied by built-in heating unit. Canvas, officer, infantryman. 1.5 lbs. 4 to carton, carton weight 5 lbs.

NOTE
Molds—1 to 29 can be used with this machine. Slush molds cannot be used with this machine.

No. 5½ GILBERT KASTER KIT
Complete outfit for casting soldiers, animals, Indians, etc. Simple to operate. Heat supplied by built-in heating unit. Canvas, officer, infantryman. 1.5 lbs. 4 to carton, carton weight 5 lbs.

right—NEW No. 7 GILBERT KASTER KIT (Slush Mold Type)
World’s Greatest and Safest Casting Outfit. Makes life-like figures with minimum amount of metal
Only casting outfit that produces hollow castings. Big Economy. Used only half as much metal. Makes third dimension figures in natural proportions.
NOTE: Only machine that uses slush type molds. All molds listed on this page, whether slush type or otherwise, can be used with this machine. Simple to operate. Heat supplied by built-in heating unit. "Standardized" for use with regular sand and plug cap as used in irons, toasters, etc. Cord and plug not furnished. Operates on A.C. or D.C. 60 cycles or less. Recommended as being one of the safest casting kits on the market. Complete with 1 mold, 12 pieces of metal, instruction manual. Mounted on large safety base with room for all equipment. Extra molds and metal purchased separately. Size 13" x 11¾" x 6¾". Weight each 7½ lbs. 1 to carton.

ELECTRIC AUTOMATIC APPROVED BY UNDERWRITERS

MOLDS

SLUSH MOLDS FOR No. 7 KASTER KIT ONLY

NEW WAY TO SELL MOLDS IN SETS

A—Sports Series, B—Band Series and C—Military Series—the economical way to buy molds. Each set contains four molds. Size 9½" x 6¾" x 1½". Weight each 1½ lbs. 6 to carton, carton weight 11 lbs.

No. 1 Kaster Kit Paints—Specially prepared for coloring castings. Six colors, each in metal can. Brush size 1½" x 4½" x 1½". Weight each 6 oz. 12 to carton, carton weight 7 lbs.

No. 0 Pigs of Metal. For use with Gilbert Kaster Kit. Recommended on best. 24 pigs to a package. 1 lb. 24 packages to carton—weight 26 lbs.

ELECTRIC AUTOMATIC SAFE—SPEEDY APPROVED BY UNDERWRITERS

MOUNTED ON LARGE SAFETY BASE ROOM FOR ALL EQUIPMENT
The Great New ERECTOR
REDESIGNED—MODERNIZED
The only Construction Toy that builds the square girder.

Above — No. 11½ ERECTOR
Dandy Beginner's Set. Builds many different models such as crane, battleship, wagons, trucks, etc. Large assortment of parts and How-to-Make-'Em Book. Packed in cardboard box with 5 color label. Size 13½" x 9½" x 3½". Weight 1½ lbs. 24 to carton, 36 lbs.

Above — No. 2½ ERECTOR
Apprentice Set with big red wheels, curved and long girder, etc. Builds Ferris Wheel, Draw Bridge, Elevator, Cranes, etc. Packed in cardboard box with 5 color label and How-to-Make-'Em Book. Size 15" x 10" x ¾". Weight 2½ lbs. 12 to carton, 28 lbs.

Above — No. 3½ ERECTOR
Intermediate Set with new big base plates, angle girder, big wheels, etc. Builds Derrick, Walking Beam Engine, Lift Bridge, Snow Remover, Trucks, etc. Packed in cardboard box with 5 color label. How-to-Make-'Em Book. Size 16½" x 11½" x 1½". Weight 4 lbs. 12 to carton, 50 lbs.

At left — FAMOUS No. 4½ ERECTOR
The set with powerful PS1 Battery Motor, Gear Box, Geared, Pulleys, etc. Builds Horizontal Engine, Bridges, Cranes and other motor driven models. Gear Box reverses, transmits and increases power and speed. How-to-Make-'Em Book included. Packed in hinged cover cardboard box. Size 19½" x 10½" x 2½". Weight 7½ lbs. 6 to carton, 46 lbs.

At right — SUPER No. 5½ ERECTOR
Has 110 volt A.C. Induction motor. No batteries or transformers to buy. New big base plates, large wheels, pulleys, gears, pistons, all necessary parts for building Merry-go-round, Dock Host, Elevators and numerous other models operating under their own power. Gear box reverses, transmits and increases power and speed. How-to-Make-'Em Book. Packed in metal cabinet. Size 16½" x 8½" x 2½". Weight 8½ lbs. 6 to carton, 53 lbs.

At left — No. 7½ ERECTOR
Electric Engine Set with Universal Electric Reversible Engine. Operates on house current. No batteries or transformers to buy. Engine can be geared or reversed. It increases power or speed and reverses. Big red wheels, boiler, girders, gears, pistons, big base plates, etc. Builds all types of steam engines, trucks, derriks and other action models. How-to-Make-'Em Book. Packed in steel cabinet. Size 18½" x 10½" x 3". Weight 12 lbs. 3 to carton, 38 lbs.

At right — No. 8½ ERECTOR
The Engineers' Set with 110 volt Reversing Electric Engine. Operates on house current. No batteries or transformers to buy. Engine can be geared to increase power or speed and reverse. Electric Lifting Magnet, large disc wheels, boiler, girders, gears, pistons, additional base plates, etc. Builds Ferris Wheel, Bridge, Oil Drilling Rigs, Magnetic Cranes, Derrick, etc. How-to-Make-'Em Book. Packed in steel cabinet. Size 20½" x 13½" x 3". Weight 19 lbs. 3 to carton, 29 lbs.

At left — No. 9½ ERECTOR
The Automotive Set. Electric Engine with reverse switch. Operates on house current. No batteries or transformers to buy. Increases power or speed or reverses. Contains automotive parts, electric lifting magnet, large disc wheels, boilers, big girders, gears, pistons, angle girders, giant fly wheel, etc. Builds automobiles, trucks, giant power plant, automatic elevator, mammoth walking beam engine, etc. How-to-Make-'Em Book. Packed in steel cabinet. Size 22½" x 13½" x 3". Weight 25 lbs. 1 to carton, 27 lbs.

At right — WORLD'S CHAMPION
No. 10½ ERECTOR
Includes reversible electric engine operating on house current. Also battery motor. Builds the giant four-foot Locomotive and Tender. Railroad cars and a host of other fine models including those built with other Erector Sets. Contains assembled chassis, and special parts for locomotive type models, such as Tank Car, Wrecking Derrick, Trolley Bicicar, Portable Steam Plant, Horizontal Engine, Electric Reaching Crane, etc., as well as parts for all model building. Two How-to-Make-'Em Books. Packed in metal cabinet. Size 24½" x 14½" x 4". Weight 44 lbs. 1 to carton, 45 lbs.

THE A. C. GILBERT CO., New Haven, Conn., U.S.A.
Printed in U.S.A.
No. 5 SKYSCRAPER SET
Accessory set to Erector, also a complete unit. Contains building sections, angle girders, cross-bracing strips, snap rivets, hold building sections to girders. Sections painted both sides permit reversing and assembling numerous kinds of cement or brick structures. How-to-make-1-tm book. Size 18" x 10" x 1/2". Weight 7 lbs. 6 to carton, 14 lbs.

No. 3 ELECTRICITY and MAGNETISM
The toy that electrifies and illuminates. Contains parts and instructions for building electric motor, electro magnets, bell buzzer, telephone. Demonstrates fundamentals of frictional electricity. Size 18" x 10" x 1/2". Weight 5 lbs. 6 to carton, 12 lbs.

No. 1 MOTOR KIT
Builds electric motor—teaches fundamentals of motor construction and operation. Used and recommended by schools. Motor operates on 6 volts of battery current. Labeled box 6½" x 9½" x 1½". Weight 6½ lbs. 6 to carton, 14 lbs.

No. 10 ADVANCED ELECTRICAL SET
The set with the sensitive Microphone, Electric Eye, Magnetic Telegraph Key. Builds two Motors. Telephone Recorder. Large assortment of parts for many fascinating experiments. Packed in cardboard box 20½" x 13½" x 2½". Weight 6½ lbs. 3 to carton, 21 lbs.

No. 6 ELECTRIC EYE
Mysteries of electrical action through Selenium Cell and Sensitive Relay. Equipment mounted on panel and wired for operation. All experiments illustrated and explained in manual. Basis of action through light rays penetrating Selenium Cell which is extremely sensitive to change of light, either to greater or less conductivity. Lights electric light with match. Electric light turns itself off. Blinking sun operates alarm-smoke alarm—auto lights sound garage alarm and other mysterious electrical sounds. Operated from 22½ volt B battery and two 1½ volt dry cells purchased separately. 4½ lbs. 6½ lbs. 26 lbs. 12¼ x 8¼ x 4½. 2½ x 2½ x 2½.

No. 5 GILBERT TELEPHONE SET
Practical, modern two-way telephone. Consists of two complete French hand sets with receiver, transmitter and dial in base for calling other station. Each base has space for two flashlight batteries (not included). 100 feet copper wire and directions included. Packed in cardboard box 14½" x 6½" x 1½". Weight 6½ lbs. 6 to carton, 12 lbs.

No. 3502 TELE-SET
Complete Telegraph Instruments, Sending and Receiving. C. W. and Buzzer types for communications, flash for night signaling or silent code. High pitch buzzer, bulb, reflector, quick action key. International Morse code charts. 100 ft. wire. Instruction book. Operates on 2 standard flashlight cells, purchased separately. 12½ x 6½" x 2½. 2⅛ lbs. 6 to carton, 12 lbs.

No. 2 MOTOR DISPLAY
Assembled display stand showing motor numbers AIC5, P56, AGB, P56, P51 Electric Engine. Electrical connection on board for current from outlet. Includes hook up to motor. All except P56 Battery Motor controlled by toggle switch. Size 24" x 14½. Weight 15½ lbs. 1½ lbs.

No. 2 MAGNETIC FUN and FACTS
Contains Horeshoe Magnet, Bar Magnets, Compass and all necessary parts to do many fascinating experiments in Magnetism and Static Electricity. 12½ x 8½ x 1½. Weight 1½ lbs. 6 to carton, 9 lbs.
GILBERT KASTER KITS

KASTER KIT MOLDS

Boys want this complete assortment of molds. Build army scenes, Air and Sea Flotillas, Parades, Base Ball and Foot Ball Players, Banis, etc.

Molds 1 to 29 used with all Kaster Kits.

LISTING—NAME AND NUMBER

1. Army Officer 18. Tank
2. Infantry (2) 19. Kneeling Soldier
3. Indian 20. Fire Engine
5. Infantry (1) 22. Football Block-field man
10. Cowboy 27. Bugler

SLUSH MOLDS FOR No. 7 KASTER KIT

(Cannot be used with other Kaster Kits)

New improved slush molds produce hollow castings. Big Economy! Use only half as much metal. Make third dimension figures in natural proportions.

540 Cannon
541 Sailor
542 Marine Officer
543 Automobile

NEW WAY TO SELL MOLDS IN SETS

A—SPORTS B—BAND C—MILITARY SERIES

Each contains four molds and 12 pigs of metal. Packed in cardboard box. Size 12¾" x 6¾" x 1¼", 4 lbs. 6 to carton, 26 lbs.

SLUSH MOLDS FOR No. 7 KASTER KIT ONLY

right—No. 3 KASTER KIT JR.

Complete outfit for casting soldiers, animals, etc. Heat supplied by built-in heating unit. Plugs into electric socket. Cord and plug not furnished. Mold cleaning and handling tools, 12 pigs of metal, 1 mold. Mounted on base. Instruction manual. Size 12½" x 6½" x 6½", 3½ lbs. 6 to carton, 24 lbs.

left—No. 5½ GILBERT KASTER KIT

Complete outfit for casting soldiers, animals, Indians, etc. Simple to operate. Heat supplied by built-in heating unit, "standardized" for use with regular cord and plug cap as used in irons, toasters, etc. Cord and plug not furnished. Operates on A. C. or D. C. 60 cycles or less. Recommended as being one of the safest casting kits on the market. Complete with 1 mold, 12 pigs of metal, instruction manual. Mounted on large safety base with room for all equipment. Extra molds and metal purchased separately. Size 13½" x 9¼" x 6½", Weight 5½ lbs. 1 to carton, 7 lbs.

No. 1 METAL CASTING SET—Non-Electric

Molds 1 to 29 used with all Kaster Kits.

NOTE: Molds 1 to 29 can be used with this machine. Slush molds cannot be used with this machine.

No. 2 GILBERT FOUNDRY KIT

First real foundry set for casting in sand without need of expensive molds. Contains flask, grooved molding sand, Trowel, scap, ladle, pliers, striker, lead, etc. No limit to variety and number of articles that can be duplicated. Complete with instruction book in cardboard box, 18½" x 10½" x 2½", 6 to carton, 25 lbs.

No. 60 PIGS OF METAL

For use with Gilbert Kaster Kit. Recommended as best. 48 pigs to package, 2 lbs.

No. 600 KASTER KIT PAINTS

Specially prepared for coloring castings. 6 colors, each in metal can. String, Hike and brush. Box 5½" x 7½" x 8½", 6 to carton. 6 lbs.

No. D KASTER KIT CONSTRUCTION SET

Contains two molds for making connectors. Metal tubes and 24 pigs of metal, which, when combined with connectors make a complete construction toy. Builds approximately 24 models. NOTE: Set can be used only with No. 7 Kaster Kit, Slush Mold type. Color cardboard box, 12½" x 6½" x 1¼", 6 to carton, wgt. approx. 23 lbs.

GILBERT KASTER KITS

MOLDS

left—NEW No. 7 GILBERT KASTER KIT (Slush Mold Type)

World’s Greatest and Safest Casting Outfit—Makes Life-like figures with minimum amount of metal

Only casting outfit that produces hollow castings. Big Economy. Uses only half as much metal. Makes third dimension figures in natural proportions. NOTE: Only machine that uses slush type molds. All molds listed on this page, whether slush type or otherwise, can be used with this machine. Simple to operate. Heat supplied by built-in heating unit, “standardized” for use with regular cord and plug cap as used in irons, toasters, etc. Cord and plug not furnished. Operates on A. C. or D. C. 60 cycles or less. Recommended as being one of the safest casting kits on the market. Complete with 1 mold, 24 pigs of metal, tools, instruction manual, two points and brush. Extra molds and metal can be purchased separately. Size 11¾" x 13½" x 6½", 1 to carton, 9 lbs.

MOUNTED ON LARGE SAFETY BASE

ROOM FOR ALL EQUIPMENT

ELECTRIC AUTOMATIC APPROVED BY UNDERWRITERS

ELECTRIC AUTOMATIC SAFE—SPEEDY APPROVED BY UNDERWRITERS
NEW GILBERT CHEMISTRY SETS

With the new Gilbert Chemistry Sets you can accomplish new chemical experiments never before offered in toy sets. UP TO DATE! New chemicals, new equipment, new apparatus such as beakers, thermometer, flasks, scales (in some sets).

Above—No. 1 CHEMISTRY. Dandy Beginner’s Set
23 pieces of chemicals and apparatus including wood test tube rack. Large manual of instructions shows how to do 151 experiments. Packed in 4 color labeled carton, size 13½” x 9½” x 1½”. 1½ lbs. 12 to carton, 20 lbs.

SELECTIVE EQUIPMENT FOR BOY CHEMISTS
Nationaly Advertised Yearly Prize Awards

BASSWOOD—LABORATORY TYPE CABINETS

Below—No. 2 JUNIOR CHEMISTRY LABORATORY
A laboratory set for the beginner. Make fire ink, dye cotton cloth, fire-painting experiments, explore why silver tarnishes, etc. 25 pieces of chemicals and apparatus. 150 experiments all explained in big instruction book. Packed in basswood laboratory cabinet size open, 19¼” x 8¼” x 2½”. 12 to carton, weight 26 lbs.

Below—No. 3 INTERMEDIATE CHEMISTRY LABORATORY
With this great outfit for the amateur chemist you can clean silverware electrically, make ammonia, bleach, and do all sorts of things. Everything you can do with the 40 chemicals and apparatus all described in big manual. 323 experiments. Packed in pine wood cabinet. Size open, 23¼” x 14½” x 2½”. 6 to carton, weight 45 lbs.

Below—No. 6 SENIOR CHEMISTRY LABORATORY
Imagine making colored fire! Testing foods for their elements! Melting real cement! Making sparklers, soda water! Tanning leather! All are easily done with this combination Chemistry and Glass Blowing Outfit. 68 pieces of Chemicals and Apparatus including chemistry manual and glass blowing manual. Packed in two-door Basswood laboratory cabinet with five feet of metal shelf room and test-tube racks. More than 400 experiments explained. 25¼” x 14½” x 2½”. 5½ lbs. 6 to carton, 25 lbs.

No. 2½ CHEMISTRY—Explorer’s Set
A more advanced outfit. Shows how to make various colored inks, detect fingerprints, how to make dyes, charcoal, mend chinaware, etc. These are just a few of the 187 experiments shown in two instruction books. Contains 28 pieces of chemicals and apparatus including wooden test tube rack. Packed in colored cardboard box, size 20½” x 13½” x 1¼”. 6 to carton, 17 lbs.

COMPLETE DESK TYPE LABORATORY OUTFITS

Right—
No. 8
Experimenter’s Chemistry Laboratory
76 pieces of chemicals and apparatus and equipment including scales and over five feet of metal and wood shelf room and test-tube racks. Convenient to sit at and perform nearly 300 fascinating experiments. Glass Blowing and Chemistry manuals. 39” x 21½” x 14½”. 1 to carton, 18 lbs.

Below—No. 14 INVENTOR’S CHEMISTRY LABORATORY
Rows and rows of chemicals at your fingertips. With this laboratory you can delve into the wizardry of chemical magic. 100 chemicals and pieces of apparatus including scale and three big books describing over 325 experiments in Chemistry, glass blowing and chemical magic! Laboratory is mounted on a table with wooden legs. Easy to sit down to. Finished in Basswood with hardwood veneer table-top. 7½ ft. of test-tube racks and shelf room. Stands 40½” high, 39” wide, table-top 14½” deep. 1 to carton, 22 lbs.

Below—No. 25 MASTER SCIENTIST’S CHEMISTRY LABORATORY
This unrivaled desk type laboratory is the finest set made for the student or young scientist. Over 135 pieces of chemicals, apparatus and equipment including 4 big manuals covering Chemistry, Chemical Magic, Mineralogy, and Glass Blowing. Also scales, beaker, flask, alcohol lamp, gas lighter, thermometer, etc. Contains over 5 ft. of shelf room and wooden test-tube racks. Drawers made of Basswood, hardwood veneer table-top with wooden legs. Convenient to sit at and perform over 800 experiments. Many of these experiments never before offered in experimental chemistry. Dry-ice experiments, artificial refrigeration, ethyl gas, lacquers, paints and water colors, testing of foods, electrochemistry, electro-plating, electro-typing, etching, electrolysis and many others too numerous to mention. Stands 40½” high, 51½” wide, table-top 14½” deep. 1 to carton, 26 lbs.
GILBERT MICRO-CHEMISTRY

All Gilbert Micro-Chemistry Sets now equipped with famous POLAROID JR., an exclusive feature

No. 5 GILBERT MICRO-CHEMISTRY
Microscope with Polaroid Jr. and chemicals and apparatus for performing 165 Micro-Chemistry experiments explained in manual. 23 pieces of chemicals and apparatus including dissecting needle, tweezers, slides, specimens, etc. Microscope has high resolving power that magnifies 200 times and is equipped with adjustable mir ror; and Polaroid Jr. feature. Packed in colored labeled cardboard box, size 15 1/4" x 11 1/4" x 2 3/4". 6 to carton, weight 17 lbs.

No. 7 GILBERT MICRO-CHEMISTRY
Microscope with Polaroid Jr. scope has high resolving power, magnifying 50, 50 and 210 diameters. Chrome plated tube, focusing wheel, rack and pinion focusing and draw tube. 38 pieces of apparatus, chemicals and equipment including slides, specimens, stains, dissecting kit, large dissecting piece with magnifying lens and illustrated manual showing how to do 213 experiments. In cardboard box size 13" x 10" x 2 1/2". 6 to carton, weight 28 lbs.

LABORATORY TYPE OPTO KIT

No. 5 GILBERT OPTO KIT
Redwood Cabinet

Over 50 instruments and experiments can be made from this set including various types of magnifying glasses, microscopes (compound and simple) of various powers, Kaleidoscope, Telescopes, Periscopes, Signaling Device, Camera models, Magic Lantern, Shadow Projectors, Flashlight and a series of fascinating and interesting experiments with light. Complete apparatus and all necessary parts for building genuine serviceable scientific instruments. Builds 22 different instruments, one after another, such as various types of magnifying glasses, Microscopes, Compound Microscopes, Dissecting Table, Kaleidoscopes, Telescopes, Periscopes, Signaling Device, together with instructions for various experiments. Packed in colored cardboard box, size 13 1/8" x 9 1/4" x 2 3/4". 2 1/2 lbs. 6 to carton, 17 lbs.

No. 6 GILBERT OPTO KIT

Complete apparatus and all necessary parts to build genuine serviceable instruments for numerous fascinating and scientific experiments. Over 50 instruments and experiments can be made from this set, including various types of magnifying glasses, microscopes (compound and simple) of various powers, Kaleidoscope, Telescopes, Periscopes, Signaling Device, Camera models, Magic Lantern, Shadow Projectors, Flashlight and a series of fascinating and interesting experiments with light. Attractively packed in colored cardboard box, size 20 1/4" x 13 1/4" x 2 3/4". Weight 9 lbs. 3 to carton, 17 lbs.

45 pieces of minerals, equipment and apparatus including blow pipe, assortment of minerals with manual of instructions showing how to analyze, test and identify various minerals. 18" x 10" x 13 1/4". 1 1/4 lbs. 6 to carton, 12 lbs.

GILBERT OPTO KITS
Complete apparatus and all necessary parts for building GENUINE, SERVICEABLE SCIENTIFIC INSTRUMENTS

Imagine the thrill boys will get building and using the following instruments:

MAGNIFYING GLASSES
- Low, Medium and High Power

DISSECTING TABLE
- Compound Microscopes (with Mirror)
- Low, medium, high and super power (with and without electric illumination)

KALEDOSCOPE
- High and Low Power

TELESCOPES
- Hand Type (Stand Type)
- Revolving Mirror

ELECTRIC BEAM SIGNALER
- Helix Type (for Code)

LIGHT-HOUSE TOWER
- Electrically Illuminated

ELECTRIC SIGNALER
- Blinker Type

CAMERA MODELS
- Copying Pin Hole
- Regular Lens

MAGIC LANTERN MODEL
- Shadow Projectors
- Ceiling Type and with Glass Stage

MICROSCOPE (Projection Type)
- Low, Medium and High Power

COMPOND MICROSCOPE
- Super Power (with Stage and Electrically Illuminated for color screens)

FLASHLIGHT
- Magnifying Glass
- Low Power (with Camera Box and Lamp)

LIGHT EXPERIMENTS
**GILBERT TOOL CHESTS**

**STEEL CABINETS**

*No. 1 CABINET*

The Jim Dandy. Contains 10 pieces for the young carpenter. Packed in blue metal carrying case with brass handle. Attractive 4-color label on inside and outside cover. Size 14½" x 8½" x 2½". Weight 3½ lbs. 6 to carton, 54 lbs.

*No. 2 CABINET*

Packed in red metal carrying case with brass handle. Attractive 4-color label on inside and outside cover. Contains 18 useful tools. Size 16½" x 8½" x 2½". Weight 5½ lbs. 6 to carton, 34 lbs.

*No. 3 CABINET*

16 pieces in green metal carrying case with brass handle and suit case catches. Attractive label on case. Size 17½" x 9½" x 3½". 6½ lbs. 6 to carton, 35 lbs.

*No. 5 CABINET*

16 pieces of better-grade tools for the young carpenter. 16½" crosscut saw, 7½" hand plane, brace with 2-jaw screw chuck, assembled in blue metal carrying case with brass handle. Size 18½" x 10½" x 3½". 9 lbs. 6 to carton, 56 lbs.

*No. 6 CABINET*

Handy set. 22 pieces of real practical tools—16½" crosscut saw, large brace, 2-jaw screw chuck, hammer, 9½" hand plane, level, etc. Red metal carrying case, brass handle, reinforced corners, suit case catches. Attractive label on case. Size 20½" x 12½" x 3½". Weight 15 lbs. 3 to carton, 47 lbs.

*No. 10 CABINET*

Household Treasure Chest. Packed in blue metal carrying case, brass handle, reinforced corners and suit case catches. Contains 30 pieces including 16½" crosscut saw, level, level, chisels, drills, 9½" hand plane, metal vise, soldering iron, 2-jaw screw chuck brace, etc. Size 22½" x 13½" x 2½". 1 to carton, 215½ lbs.

**BENCH TYPE MODELS**

*No. 8½ BENCH*

New, modern, improved bench with wood top, tool rack and legs. Wood vise grip. Assembled on 30½" high 32" long and 15½" wide. Disassembled for shipping. Finish natural wood. 1 to carton, 20 lbs.

*No. 12½ BENCH*

New, modern, improved bench with wood top, tool rack and legs. Wood vise grip, 16½" crosscut saw, chisels, hammer, die cast plane, brace and bit, etc. 17 useful tools in all. Finish natural wood. Assembled 32½" high, 38" long, 21½" wide. Disassembled for shipping. 1 to carton, 36 lbs.

*No. 25½ BENCH*

New, modern, improved bench with wood top, tool rack and legs, wood vise grip, 16½" crosscut saw, chisels, hammer, die cast plane, brace and bit, etc. 25 useful tools in all. Finish natural wood. Assembled 35½" high, 42" long, 22½" wide. Disassembled for shipping. 1 to carton, 44 lbs.

**ALL TOOLS SUBJECT TO CHANGE WITHOUT NOTICE**
No. A808 MOTOR DRIVEN DRILL PRESS
Adaptable for wood or metal work. Powered by 110 volt Induction motor, operates A.C. 60 cycles only. Toggle switch control. Motor mounted on rigid steel tube, adjustable to varying heights. Cast iron table, 9" diameter. Thrust taken up by ball thrust bearing. Lever action control of table. Complete with chuck which takes up to 1/4" drill. Standard cord and plug cap. Weight 18 lbs. 1 to carton, 21 lbs.

No. 804 BELT DRIVEN DRILL PRESS
Dependable equipment for the home craftsman or skilled shop mechanic. Adaptable for wood or metal work. Drive through 3 step pulley. Pulley is arm suspended from vertical steel tube and adjustable to varying heights. 5" diameter cast iron table with lever action control. Complete with chuck which takes up to 1/4" drill. Weight 11 lbs. 1 to carton, 12 lbs.

No. 6 MOTOR DRIVEN JIG SAW
Fast cutting with vibration reduced to minimum. Uses 6" loop and saw, actuated by hardwood rocker arms. Simple crank type oscillating motion, belt drive. 6½" square steel work table and adjustable saw tension. Rugged cast-iron frame. Iron drive wheel has sandpaper disc for smoothing wood. Driven by 110 volt Universal Motor operated A.C. or D.C. Toggle switch control. Complete with cord and plug cap. Saw blade travels approximately 1200 cutting strokes per minute. Finish blue and black. Size 6½" x 13½" x 11¾". 1 to carton, 10 lbs.

At right—No. 2 SODA FOUNTAIN

No. 2 GILBERT CHRISTMAS TREE TWINKLER
New Sensational Device, consisting of Electric Motor with Vibrator Attachment
Clamps on any Christmas tree and gently vibrates tree causing tinsel, cellophane and other trimmings to vibrate, glitter and shimmer giving water-fall effect producing animation that is unsurpassed. Does not affect ornaments or lights. Contains window or counter cord with compelling sales message. This device should be demonstrated by attaching to a Christmas tree to obtain maximum sales. Demonstration draws crowds and creates buyers. Motor operates on 110 volts, 60 cycles A.C. only. Non-radio interfering. Packed in attractively colored folding box 7½" x 5½" x 3½". 6 to carton, wgt. 16 lbs.

No. 3 GILBERT CHRISTMAS TREE TWINKLER
Same description as above except operates on 110 volts, D.C. only. Individually packed, 3 lbs.
GILBERT MYSTO MAGIC SETS

The greatest assortment of magic tricks on the market. Outfits contain secrets and apparatus of the world’s greatest magicians. All tricks explained in detail in instruction book packed in each outfit.

**At left**—No. 1

**GILBERT MYSTO MAGIC**

Twelve clever tricks for the pocket or stage. Simple and easy to perform, including the Mysterious Multiplying Coin, Buddha Money Mystery, Mysterious Toopy-Turpy Match, Galloping Dime, Hiding Chessman and others. Complete manual of instructions. Size 19”x10”x1¾”. Weight 2 lbs. Packed 12 to carton, carton weight 15 lbs.

**Above at right**—No. 3 GILBERT MYSTO MAGIC

Contains 18 startling and mystifying magic tricks: Multiplying Billiard Balls, Mysterious Linking Rings, Hiding Chessman, Galloping Dime, Swengali Mind-reading Wonder and many others. Can be performed anywhere from drawing room to stage. Simple, effective, mysterious, up-to-date. Size 20¾”x13¾”x11¼”. Hinged cover. Weight 2 lbs. 6 to carton, 14 lbs.

**At right**—No. 5—GILBERT MYSTO MAGIC

Contains an assortment of mystifying tricks of the World’s Greatest Magicians including Passé Bottle Trick, Svengali Mind-reading Wonder, Drum Head Tube Trick, Mystifying Card Tricks, all explained in three manuals of instructions that come with this set. Outfit also includes an assortment of Handkerchief Tricks and Knots and Splices. Packed in heavy cardboard box with hinged cover. Size 20¼”x13¾”x2½”. Weight 4½ lbs. Packed 3 to carton, carton weight 16 lbs.

**Below**—No. 4

**GILBERT MYSTO MAGIC**

All different tricks—not contained in any other set—such as the Dream of Midas, Great Ball of Wool Trick, Okeito Coin Trick, Passe Passe Coin Trick, and many others of the world’s most renowned magic tricks. Size 20¾”x13¾”x11¼”. Weight 2 lbs, 1 oz. 6 to carton, 15 lbs.

**No. 15 ELECTRIC MOTOR DRIVEN MUSICAL XMAS TREE TURNTABLE**

Completely assembled supporting stand. Circular wood base, mahogany finish, four rubber feet, metal housing enclosing all mechanism. Sturdy 110-volt motor with ample power to revolve 6 to 8 foot tree fully trimmed, attached to base with upright revolving spindle. Will revolve evenly balanced load up to 100 lbs. when bulk weight is centralized directly over spindle. Removable tree socket with three thumb screws to securely fasten butt of tree. Waterproof tree socket fits snugly on spindle. Music box assembled to base, plays two tunes. Double socket bakelite plug outlet takes 2 strings of 8 regular Xmas tree bulbs providing for 16 lights. Two special switches, one for lights, other for motor control. Complete assembly one of sturdiness and stability, base being 16” in diameter and height overall 10” Richly finished in wrinkle green and brown. Ideal for the home. Lasts for years, also especially adaptable for window or counter display. Induction motor operating on 110 volts, 60 cycles, A.C. only. Weight 11 lbs. Individually packed, 14 lbs.

**GILBERT PUZZLE SETS**

Above—

**No. 1032 GILBERT PUZZLE SET**

21 fascinating puzzles. Instruction book giving details as to solution. Packaged in four color labeled carton. Size 10”x18”x3¼”. Weight 1¼ lbs. 12 to carton, 24 lbs.

**Listed only—No. 1031½ PUZZLE SET**

13 puzzles assembled in four color label carton. Complete manual of instructions. Size 9¼”x13¼”x¾”. Weight 1 lb. Packed 24 to carton, carton weight 25 lbs.

**Listed only—No. 1031 PUZZLE SET**

Seven interesting puzzles assembled in four-colored label box with manual of instructions included. Size 10”x8½”x1¼”. Weight 8 oz. 36 to carton, 30 lbs.