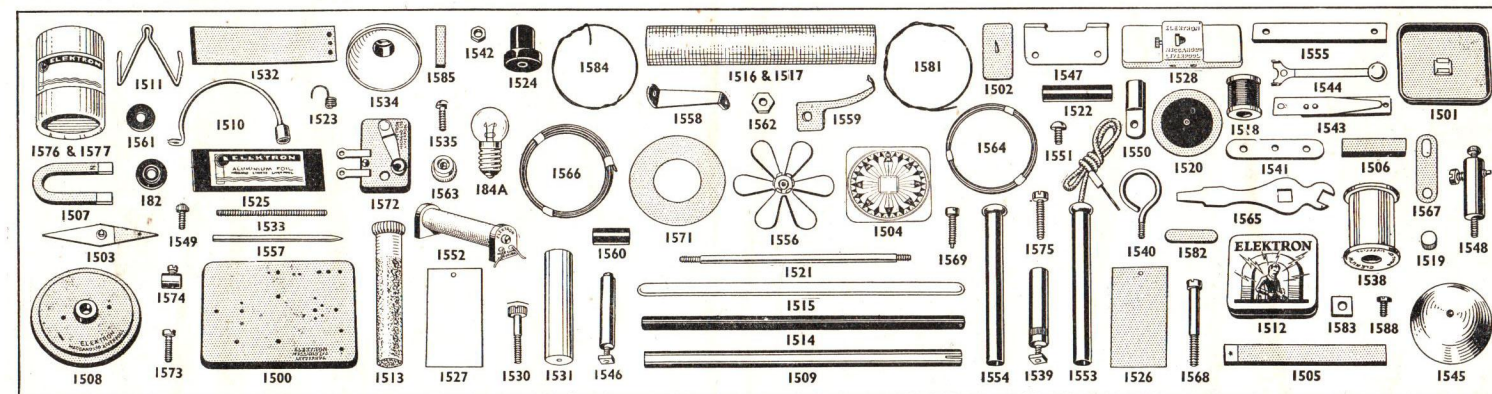


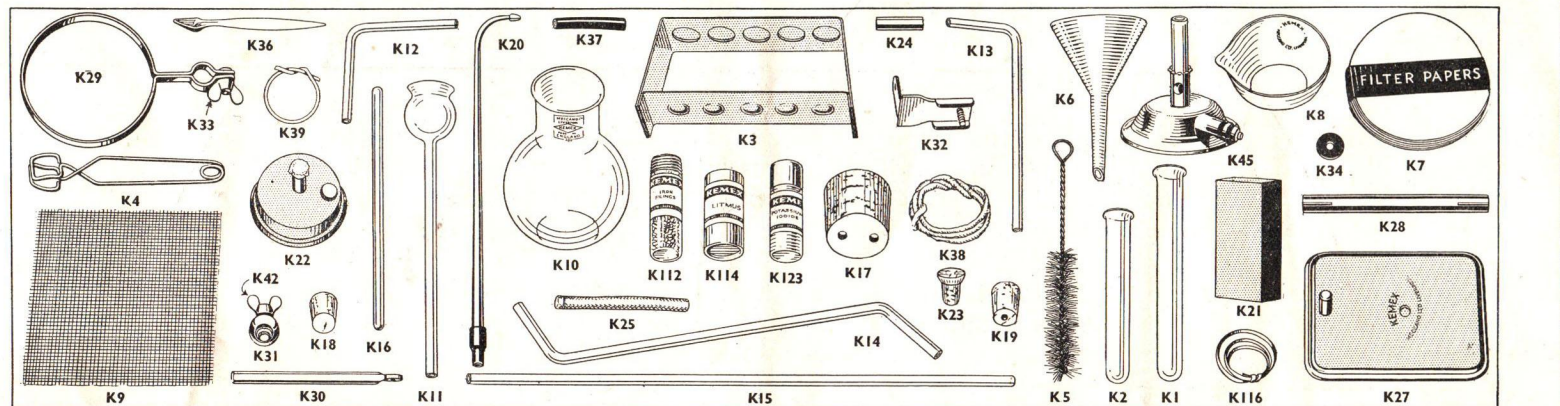
MECCANO ELEKTRON PARTS



Below is a list giving the numbers and prices of the separate parts included in Elektron Electrical Outfits. Owners of these Outfits who wish to extend their range of electrical experiments can obtain any of these parts separately from their dealer, or direct from Meccano Limited. The numbers given in the list should always be quoted when ordering in order to avoid mistakes.

No.	Description	s. d.	No.	Description	s. d.	No.	Description	s. d.
1500	Universal Base	0 6	1530	Cell Mounting Bolt	0 1	1561	Insulating Washer, Small	0 1
1501	Compass Box	0 4	1531	Zinc Rod	0 3	1562	6 B.A. Hex. Nut	0 3
1502	Compass Mount and Pivot	0 1	1532	Carbon Plate	0 3	1563	Terminals	0 1
1503	Compass Needle and Cup	0 3	1533	Threaded Rod	0 6	1564	10 yd. Coil No. 35G E.S.C.C. Copper Wire	0 3
1504	Compass Chart	0 1	1534	Lampholder	0 3	1565	Spanner, Screwdriver	0 1
1505	Bar Magnet	0 5	1535	Screw	0 6	1566	Connecting Wire	0 3
1506	Bar Magnet Keeper	0 1	1538	Magnet Coil	0 9	1567	Connecting Link	0 1
1507	Horseshoe Magnet	0 6	1539	Core (complete)	0 2	1568	6 B.A. 1" Special Bolt	0 1
1508	Circular Base	0 3	1540	Hook	0 1	1569	6 B.A. Contact Screw	0 2
1509	Erinoid Tube for Stand Bracket	0 3	1541	Yoke, Small	0 2	1571	Coloured Ring	0 3
1510	Stand Bracket	0 3	1542	Hook Nut	0 6	1572	Switch	0 9
1511	Stirrup	0 1	1543	Bell Armature (complete)	0 6	1573	6 B.A. Bolt	0 6
1512	Sifter Box and Lid	0 3	1544	Rod and Hammer	0 2	1574	Wire Connector and Screw	0 2
1513	Tube of Iron Filings	0 1	1545	Gong	0 6	1575	6 B.A. Bolt, 1/2"	0 6
1514	Ebonite Rod	0 2	1546	Gong Pillar (with Nut and Screw)	0 3	1576	Container of Copper Sulphate	0 3
1515	Glass	0 2	1547	Angle Yoke	0 2	1577	Container of Bichromate of Potash	0 4
1516	Square of Flannel	0 2	1548	Bell Contact Pillar (complete)	0 6	1581	Length of Resistance Wire, 6"	0 3
1517	Silk	0 2	1549	Bell Contact Locking Screw	0 1	1582	Steel Piece	0 1
1518	Reel of Silk Thread	0 1	1550	Armature Support	0 2	1583	6 B.A. Square Nut	0 3
1519	Cork	0 3	1551	Screw	0 3	1584	26G Copper Wire, 6" length	0 3
1520	Electroscope Plate	0 3	1552	Wound Bobbin for Shocking Coil	2 0	1585	Horseshoe Magnet Keeper	0 1
1521	Rod	0 2	1553	Shocking Coil Handle	0 6	1586	26G S.C.C. Copper Wire	2 0
1522	Erinoid Sleeve, 1 1/2" long	0 1	1554	Slide	0 3	1587	23G	1 9
1523	Electroscope Hook	0 1	1555	Magnet Yoke, Large	0 1	1588	Screw for Bell Hammer and Bell Armature	0 3
1524	Ebonite Bush	0 2	1556	Armature and Commutator	0 6	1589	Instruction Manual No. 1	1 0
1525	Sheet of Aluminium Foil	0 1	1557	Shaft	0 1	1590	Instruction Manual No. 2	1 0
1526	Copper Plate, 2" x 1"	0 6	1558	Bearing Bracket	0 1	1591	Terminal Screw for Coils	0 6
1527	Zinc	0 6	1559	Commutator Contact Brush	0 1	182	Insulating Bush, 6 B.A.	0 6
1528	Cell Mounting	0 4	1560	Erinoid Sleeve, 1 1/2" long	0 1	184a	Flashlight Bulb 2 1/2-volt	0 5

MECCANO KEMEX PARTS



No.	Description	s. d.	No.	Description	s. d.	No.	Description	s. d.
K1	Test Tube, 5" x 1/2"	0 1	K29	Universal Stand Ring	0 5	K108	Copper Sulphate	0 2
K2	Heat Resisting, 4" x 1/2"	0 1	K30	Pillar Extension	0 6	K109	Copper Turnings	0 2
K3	Stand	1 0	K31	Clamp	0 5	K110	Ferrous Ammonium Sulphate	0 2
K4	Holder	0 3	K32	Top Bracket	0 4	K111	Iron Alum	0 2
K5	Brush	0 2	K33	Wing Nut	0 2	K112	Iron Filings	0 2
K6	Funnel	0 6	K34	Washer	0 1	K113	Lead Nitrate	0 2
K7	Filter Paper, 3 1/2" diameter	0 1	K35	Evaporating Stand	1 9	K114	Litmus	0 5
K8	Evaporating Dish	0 6	K36	Scop	0 1	K115	Logwood	0 2
K9	Gauze Square	0 2	K37	Rubber Connection Tube	0 1	K116	Magnesium Ribbon	0 1
K10	Flask, Wide-necked	1 3	K38	Asbestos Fibre	0 1	K117	Magnesium Sulphate	0 2
K11	Thistle Funnel	0 4	K39	Nickel Chrome Wire	0 1	K118	Manganese Dioxide	0 2
K12	Right Angle Delivery Tube, Small	0 1	K40	Instruction Manual No. 1	0 9	K119	Manganese Sulphate	0 2
K13	Right Angle Delivery Tube, Large	0 1	K41	No. 2-3	1 0	K120	Nickel Ammonium Sulphate	0 2
K14	Double Angle Delivery Tube	0 2	K42	Universal Stand, Wing Screw	0 3	K121	Phenolphthalein Solution	0 5
K15	Glass Tube 12"	0 1	K43	Glass Container with Screw Cap	0 2	K122	Potassium Chlorate	0 2
K16	Rod	0 1	K44	Glass Container with Cork	0 2	K123	Potassium Iodide Solution	0 5
K17	Cork, Large, Double Bore	0 3	K45	Bunsen Burner	1 6	K124	Potassium Nitrate	0 2
K18	Small	0 4	K46	No. O Manual	0 6	K125	Sodium Bisulphate	0 2
K19	Bored	0 6	K47	Rubber Tubing	0 2	K126	Sodium Bisulphate	0 2
K20	Blowpipe	1 4	K100	Aluminium Sulphate	0 2	K127	Sodium Borate (Borax)	0 2
K21	Charcoal Block	0 6	K101	Ammonium Chloride	0 2	K128	Sodium Ferrocyanide	0 5
K22	Spirit Lamp, Complete	1 0	K102	Calcium Carbonate (Marble)	0 2	K129	Sodium Thiocyanate	0 2
K23	Stopper	0 1	K103	Calcium Oxide (Lime)	0 2	K130	Strontium Nitrate	0 2
K24	Wick Holder	0 2	K104	Charcoal	0 2	K131	Sulphur	0 2
K25	Wick	0 1	K105	Cobalt Chloride	0 5	K132	Tannic Acid (Tannin)	0 3
K26	Universal Stand, Complete	3 6	K106	Congo Red	0 3	K133	Tartaric Acid	0 2
K27	Base	0 8	K107	Copper Oxide	0 2	K134	Zinc, Granulated	0 2
K28	Pillar	0 8						

NOTE.—Kemex Parts Nos. K100 to K134, with the exception of K105, K121, K123, K125, and K129 (which are supplied only in glass containers) are packed in cardboard containers.

Elektron and Kemex Outfits are manufactured by MECCANO LIMITED, Binns Road, LIVERPOOL 13

MECCANO ELEKTRON

ELECTRICAL OUTFITS

MECCANO KEMEX

CHEMICAL OUTFITS

Manufactured by
MECCANO LIMITED
BINNS ROAD
LIVERPOOL 13

PRODUCT of
MECCANO LIMITED
LIVERPOOL



The most wonderful force of the age!

Electricity plays such an important part in our daily life that nobody can afford to be ignorant of its principles. We depend upon it for our lighting, heating, transport and communication, and this well may be called the Electrical Age. One of the most striking things about electricity is its amazing adaptability. It is equally efficient whether it is called upon to supply heat, light and power to some vast and densely populated area, or to perform the more delicate task of telegraphing or telephoning a message over thousands of miles, or providing broadcast entertainment for millions of listeners.

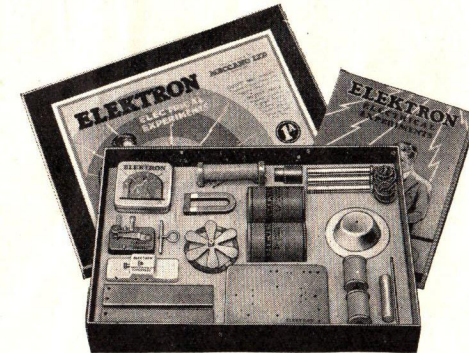
Every boy should have some knowledge of electricity, the most wonderful force of the age, and the only way to gain this knowledge is by means of experiments. The Meccano Elektron Outfits, illustrated and described below, have been produced specially for this purpose.



No. 1 Meccano Elektron Outfit

MAGNETISM AND STATIC ELECTRICITY
The No. 1 Outfit contains two powerful Bar Magnets and a reliable Magnetic Compass, together with everything necessary for the carrying out of a series of fascinating magnetic experiments. In addition there are materials for experiments in frictional or static electricity, and for the construction of an Electric Compass and two forms of Electroscopes. There are also parts for constructing a splendid portable Reading Lamp.
Price 6/6

*The parts included in the Meccano Elektron Outfits can be obtained separately.
An illustrated list of the complete range is given on the reverse side of this folder.*



No. 1A Meccano Elektron Outfit

CURRENT ELECTRICITY
Owners of the No. 1 Elektron Outfit who have completed their experiments in magnetism and static electricity will be keenly anxious to continue with the even more fascinating experiments that can be carried out with electric currents. The No. 1A Elektron Outfit enables them to do this, for it contains the parts required to make the Elektron Bichromate Cell, and to build an extensive range of electrical devices for which this cell supplies current. Among these devices are Electro-Magnets, a real Electric Bell, and a Buzzer for use in an electric telegraph system. A Shocking Coil and two different types of working Electric Motors also can be constructed from other components.
Price 14/6



No. 2 Meccano Elektron Outfit

MAGNETISM, STATIC AND CURRENT ELECTRICITY
This splendid Outfit contains the whole of the apparatus and material included in the No. 1 and the No. 1A Elektron Outfits, and is specially intended for those who wish to have in one outfit all that is necessary for a full series of experiments covering magnetism, static electricity and current electricity. The attractive experiments that can be made with its contents are fully explained in two handsome illustrated Elektron Manuals.
Price 21/-



MECCANO ELEKTRON ELECTRICAL OUTFITS

An Elektron Outfit will open up to you a fascinating hobby of endless variety

The Meccano Elektron Outfits contain all the materials for carrying out a splendid series of wonderful experiments, commencing with Magnetism and passing on through Frictional Electricity to Current Electricity. In addition, many interesting mechanisms can be constructed, including a Reading Lamp, an Electric Bell, a Telegraph, a Shocking Coil that provides endless fun, and Electric Motors.

A specially written Manual of Instructions, profusely illustrated, is included with each Elektron Outfit.

Learn some of the marvels of the wonderful science of chemistry

MECCANO KEMEX CHEMICAL OUTFITS

The Meccano Kemex Outfits have been introduced to provide apparatus, chemicals and instructions for carrying out a series of fascinating experiments in which the secrets of the wonderful science of chemistry are revealed.

With the apparatus and materials contained in these splendid Outfits a boy can make inks and soaps; dye wool; grow crystals; write with electricity; make invisible inks and a chemical garden; and perform a host of other interesting chemical experiments. Everything necessary is included, and the full range of experiments that can be made are described in a simple manner in an attractive Manual that is provided in each Outfit.

The chemicals included in the Kemex Outfits are all non-explosive and non-poisonous, and conform with Home Office requirements.



**Manufactured by
MECCANO LIMITED
Binns Road
LIVERPOOL 13**

Chemical Outfits for chemical fun!

Everything in the world around us is built of chemical elements and their compounds. These compounds undergo ceaseless changes, and the study of these changes forms the basis of the wonderful science of chemistry. The chemist probes into the secrets of the materials of which all things are made and has the whole world as his province. He is ready to test and examine anything dug out of the earth or extracted from the sea or from the air, and his work is the basis of most of our important industries.



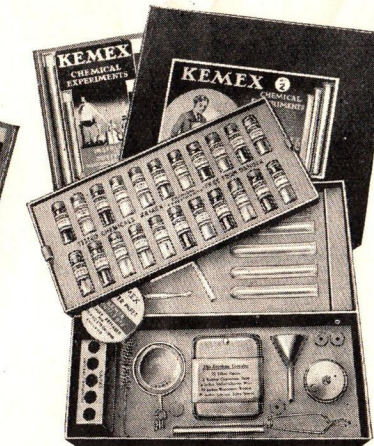
No. 0 Meccano Kemex Outfit

75 Experiments
This Outfit includes a supply of specially selected chemicals, packed in airtight containers, together with a length of Magnesium Ribbon, sufficient to perform 75 attractive and varied experiments. The apparatus provided includes Test Tubes, Test Tube Brush, Delivery Tubes and Corks, and a simple and highly efficient Spirit Lamp that makes the Outfit completely self-contained.
Price 5/-



No. 1 Meccano Kemex Outfit

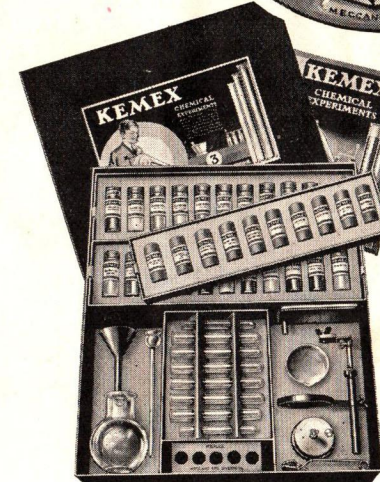
130 Experiments
This Outfit includes the whole of the contents of the No. 0 Outfit, together with further chemicals that increase the number of experiments that can be performed to 130. The additional apparatus includes a Test Tube Holder, Glass Stirring Rod, Funnel and Filter Papers.
Price 7/6



No. 2L Meccano Kemex Outfit

250 Experiments
This Outfit includes the whole of the contents of the No. 1 Outfit, and further chemicals that increase the range of experiments up to 250. The additional apparatus includes a porcelain Evaporating Dish, Special Test Tube, a handsome Test Tube Stand, and an Evaporating Stand.
Price 15/-

No. 2B Meccano Kemex Outfit
Similar to No. 2L Meccano Kemex Outfit, except that a Bunsen Burner is included in place of the Spirit Lamp.
Price 15/-



No. 3L Meccano Kemex Outfit

350-400 Experiments
This Outfit includes the whole of the contents of No. 2 Outfit, with additional chemicals and apparatus. The latter includes a gas-generating apparatus, consisting of a large Wide-necked Flask with Thistle Funnel and Delivery Tubes, and a Blowpipe.
Price 25/-

No. 3B Meccano Kemex Outfit

Similar to No. 3L Meccano Kemex Outfit, except that a Bunsen Burner is included in place of the Spirit Lamp.
Price 25/-

*The apparatus and chemicals included in the Meccano Kemex Outfits can be obtained separately.
An illustrated list of the complete range is given on the reverse side of this folder.*