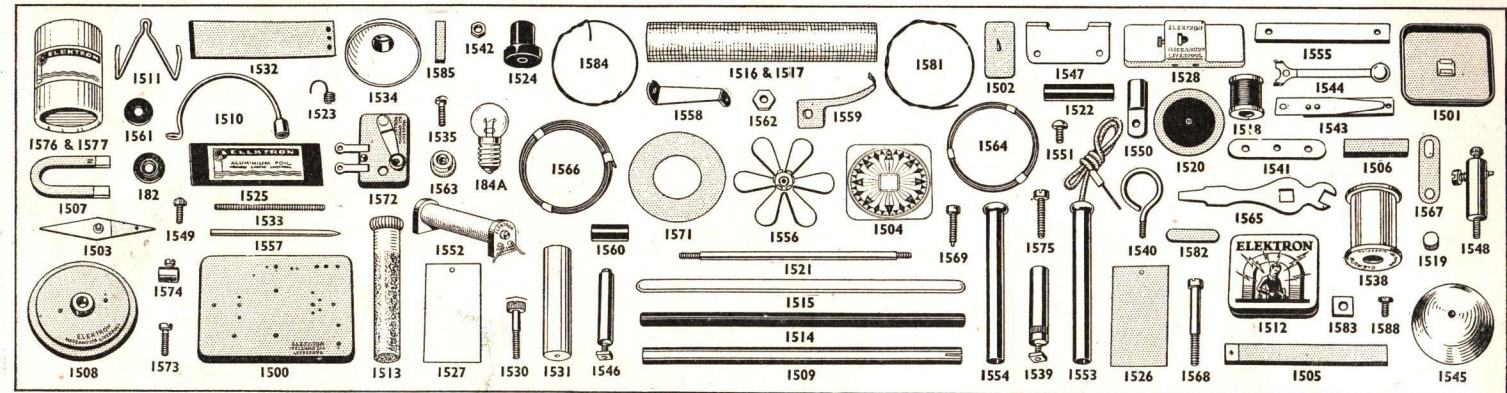


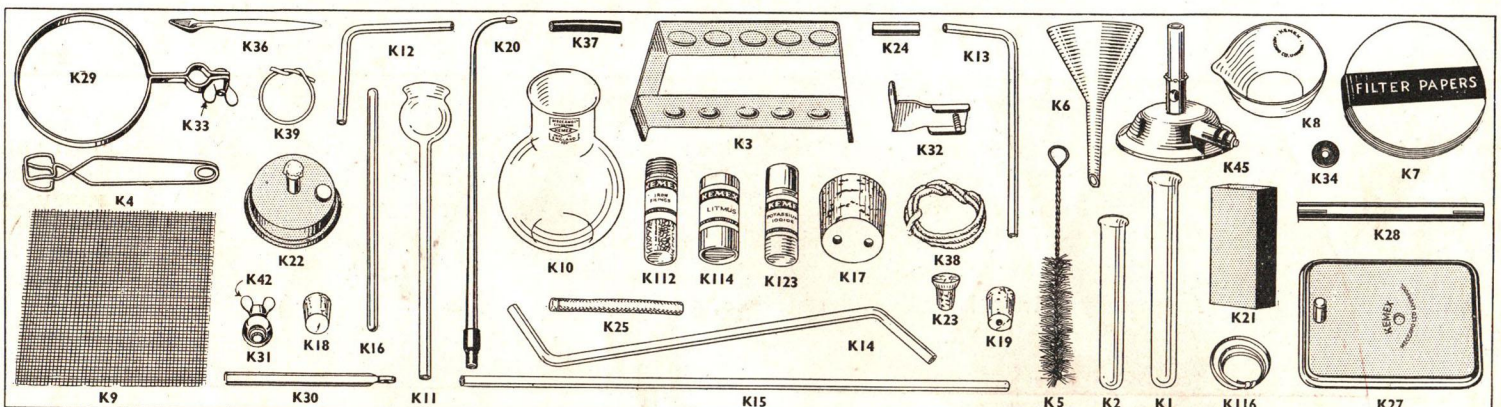
MECCANO ELEKTRON PARTS



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	each	0 6	1530	Cell Mounting Bolt	each	0 1	1561	Insulating Washer, Small	doz.	0 1
1501	Compass Box	each	0 4	1531	Zinc Rod	each	0 3	1562	6 B.A. Hex. Nut	each	0 3
1502	Compass Mount and Pivot	each	0 1	1532	Carbon Plate	each	0 3	1563	Terminals	each	0 1
1503	Compass Needle and Cup	each	0 3	1533	Threaded Rod	doz.	0 6	1564	10 yd. Coil No. 35G E.S.C.C. Copper Wire	each	0 3
1504	Compass Chart	each	0 1	1534	Lampholder	each	0 3	1565	Spanner, Screwdriver	each	0 1
1505	Bar Magnet	each	0 5	1535	Screw	doz.	0 6	1566	Connecting Wire	coil	0 3
1506	Bar Magnet Keeper	each	0 1	1536	Magnet Coil	each	0 9	1567	Connecting Link	each	0 1
1507	Horseshoe Magnet	each	0 6	1537	Core (complete)	each	0 2	1568	6 B.A. 1" Special Bolt	each	0 1
1508	Circular Base	each	0 3	1540	Hook	each	0 1	1569	6 B.A. Contact Screw	each	0 2
1509	Erinoid Tube for Stand Bracket	each	0 3	1541	Hook, Small	doz.	0 2	1571	Coloured Ring	doz.	0 3
1510	Stand Bracket	each	0 3	1542	Hook Nut	doz.	0 6	1572	Switch	each	0 9
1511	Stirrup	each	0 1	1543	Bell Armature (complete)	each	0 6	1573	6 B.A. Bolt	doz.	0 6
1512	Sifter Box and Lid	each	0 3	1544	Rod and Hammer	each	0 2	1574	Wire Connector and Screw	each	0 2
1513	Tube of Iron Filings	each	0 1	1545	Gong	each	0 3	1575	6 B.A. Bolt, 1/2"	doz.	0 6
1514	Ebonite Rod	each	0 2	1546	Gong Pillar (with Nut and Screw)	each	0 3	1576	Container of Copper Sulphate	each	0 3
1515	Glass	each	0 2	1547	Angle Yoke	each	0 2	1577	Container of Bichromate of Potash	each	0 4
1516	Square of Flannel	each	0 2	1548	Bell Contact Pillar (complete)	each	0 6	1581	Length of Resistance Wire, 6"	doz.	0 3
1517	Silk	each	0 2	1549	Bell Contact Locking Screw	each	0 1	1582	Steel Piece	each	0 1
1518	Reel of Silk Thread	each	0 1	1550	Armature Support	each	0 2	1583	6 B.A. Square Nut	each	0 3
1519	Cork	doz.	0 3	1551	Screw	doz.	0 3	1584	26G Copper Wire, 6" length	each	0 1
1520	Electroscope Plate	each	0 3	1552	Wound Bobbin for Shocking Coil	each	2 0	1585	Horseshoe Magnet Keeper	each	0 1
1521	Erinoid Sleeve, 1 1/2" long	each	0 1	1553	Shocking Coil Handle	each	0 6	1586	26G S.C.C. Copper Wire	per reel	2 0
1522	Electroscope Rod	each	0 1	1554	Slide	each	0 3	1587	23G	each	1 9
1523	Electroscope Hook	each	0 1	1555	Magnet Yoke, Large	each	0 1	1588	Screw for Bell Hammer and Bell Armature	doz.	0 3
1524	Ebonite Bush	each	0 2	1556	Armature and Commutator	each	0 6	1589	Instruction Manual No. 1	each	1 0
1525	Sheet of Aluminium Foil	each	0 1	1557	Shaft	each	0 1	1590	Instruction Manual No. 2	each	1 0
1526	Copper Plate, 2" x 1"	doz.	0 6	1558	Bearing Bracket	each	0 1	1591	Terminal Screw for Coils	doz.	0 6
1527	Zinc	each	0 6	1559	Commutator Contact Brush	each	0 1	182	Insulating Bush, 6 B.A.	each	0 6
1528	Cell Mounting	each	0 4	1560	Erinoid Sleeve, 1 1/2" long	each	0 1	184a	Flashlight Bulb 2 1/2-volt	each	0 5

MECCANO KEMEX PARTS



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

NOTE.—Kemex Parts Nos. K100 to K134, with the exception of K105, K121, K123 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.

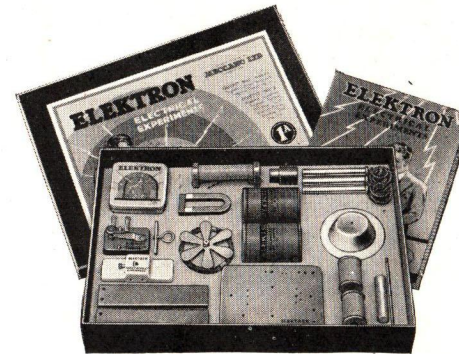
Every boy should have some knowledge of electricity, the most wonderful force of the age, and the only way to gain this knowledge is by means of experiments. The Meccano Elektron Outfits, illustrated and described below, have been produced specially for this purpose.



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 apparatus and chemicals 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.

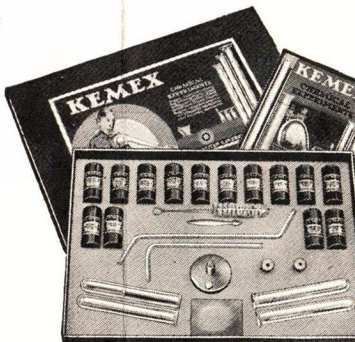
The chemicals included in the Kemex Outfits are all non-explosive and non-poisonous, and conform with Home Office requirements.



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

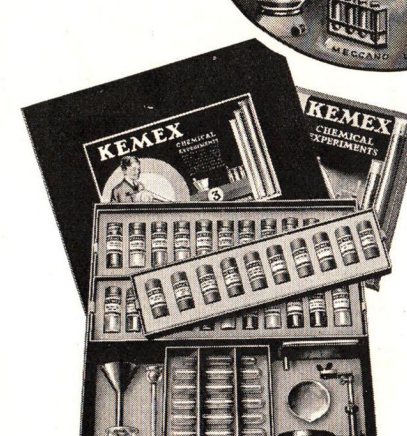
This Outfit includes the whole of the contents of the No. 0 Outfit, together with further chemicals that increase the number of experiments that can be performed to 130. The additional apparatus includes a Test Tube Holder, Glass Stirring Rod, Funnel and Filter Papers. Price 7/6



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.*