

ELECTRONICS & ELECTRICITY

MAGNET WIRE ENAMELED COPPER, SOFT COPPER WIRE COATED WITH AN INSULATING ENAMEL COATING, IDEAL FOR MAKING ELECTRO MAGNETS, SELONIDS, TRANSFORMERS AND COILS, 4oz SPOOL



EL 115	26 GAUGE	\$4.50
EL 116	28 GAUGE	5.25

WIRE, PLASTIC INSULATION, 22 GAUGE HOOK UP WIRE PERFECT FOR TABLE TOP HOOK UPS. 100' ROLL IN 4 COLORS: BLACK, RED, BLUE, WHITE



EL 118 - BK	BLACK	\$5.50
EL 118 - RD	RED	5.50
EL 118 - BL	BLUE	5.50
EL 118 - WH	WHITE	5.50

TEST LEAD, 24" LONG WITH ALLIGATOR CLIPS ON BOTH ENDS, 24 GAUGE WIRE 6 PIECES IN SET: 2 EACH OF RED, BLACK, YELLOW

EL 120	\$5.00
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LAMP SOCKET SCREW IN LAMP TYPE SOCKET, TWO WIRE SCREW TERMINALS

EL 122	PLASTIC BASE	\$.95
EL 123	PORCELAN BASE	1.95



LAMPS FOR ABOVE 10 PER PACK

EL 124	1½ VOLT	\$5.65
EL 125	3 VOLT	5.65
EL 126	6 VOLT	5.65
EL 127	12 VOLT	5.65



KNIFE SWITCH BAKELITE BASE WITH WIRE TERMINALS

EL 130	SINGLE POLE	SINGLE THROW	\$1.95
EL 131	SINGLE POLE	DOUBLE THROW	2.10
EL 132	DOUBLE POLE	SINGLE THROW	2.25
EL 133	DOUBLE POLE	DOUBLE THROW	3.75



DC HAND GENERATOR PISTOL GRIP STYLE HANDLE. GENERATES UP TO 12V DC. LAMP MOUNT FOR USE AS FLASHLIGHT. BINDING POSTS TO CONNECT TO ELECTRICAL CIRCUITS.



EL 140 \$19.95

MAGNETS CERAMIC

	SHAPE	SIZE	THICKNESS	
EL 150	DISC	10 mm	3 mm	\$.15
EL 151		12 mm	5 mm	.25
EL 152		18 mm	3 mm	.25
EL 153		20 mm	10 mm	.55
EL 154		25 mm	5 mm	.40
EL 155		25 mm	8 mm	.45
EL 156	RECTANGULAR	27 X 8 mm	3 mm	\$.25
EL 157		40 X 25 mm	6 mm	.70
EL 158		43 X 18 mm	7 mm	.80
EL 159	RING	20 mm	10 mm	\$.65
EL 160		30 mm	3 mm	.40
EL 161		38 mm	5 mm	.80
EL 162		38 mm	8 mm	.95



MAGNETS ALNICO VERY STRONG CYLINDRICAL SOLD IN PAIRS WITH KEEPERS

EL 170	5 mm X 50 mm	\$ 3.25
EL 171	10 mm X 125 mm	8.75

BAR SOLD IN PAIRS WITH KEEPERS

EL 172	1/4 X 1/2 X 1.5"	3.00
EL 173	1/4 X 1/2 X 2"	4.25
EL 174	1/4 X 1/2 X 3"	5.50
EL 175	1/4 X 1/2 X 4"	9.00
EL 176	1/4 X 1/2 X 6"	15.00

U SHAPE WITH KEEPERS

EL 177	1" LENGTH	4.00
EL 178	3" LENGTH	6.25

ELECTRONICS & ELECTRICITY

ELECTRODES ALL ARE 1/2" x 6" UNLESS NOTED. EXCELLENT FOR USE IN STUDENT OR VOLTAIC CELL EXPERIMENTS.



EL 190	ALUMINUM	\$ 1.00
EL 191	BRASS	2.00
EL 192	CARBON ROUND	2.00
EL 193	CARBON FLAT	2.75
EL 194	COPPER	1.55
EL 195	IRON	1.00
EL 196	LEAD	1.50
EL 197	NICKEL	4.15
EL 198	TIN	3.25
EL 199	ZINC	1.65

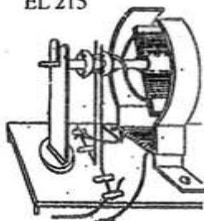
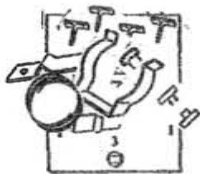
STUDENT CELL KIT INCLUDES ZINC, COPPER, ALUMINUM, NICKEL, IRON AND CARBON ELECTRODES, JAR WITH ELECTRODE HOLDERS, INSTRUCTIONS AND EXPERIMENTS



EL 210 \$19.99

DC MOTOR KIT BUILD A REAL WORKING DC MOTOR, INEXPENSIVE & WORKS GREAT. INSTRUCTIONS AND EXPERIMENTS INCLUDED.

EL 215 \$5.00



METER, STUDENT GRADE FULLY ENCLOSED $\pm 2.5\%$ ACCURACY WITH OVERLOAD PROTECTION



EL 220	AC/DC AMMETER	0-3A	\$ 10.50
EL 225	DC AMMETER	0-500,UA	10.50
EL 230	DC AMMETER	0-1MA	10.50
EL 235	DC AMMETER	0-200MA	10.50
EL 240	DC AMMETER	0-1A	10.50
EL 245	DC AMMETER	0-10A	10.50
EL 250	DC AMMETER	0-1A 0-5A	10.50
EL 255	DC VOLTMETER	0-3V	10.50
EL 260	DC VOLTMETER	0-10V	10.50
EL 265	DC VOLTMETER	0-3V 0-10V 0-15V	10.50
EL 270	DC VOLTMETER	0-3V 0-15V 0-300V	10.50
EL 275	GALVANOMETER	-500-0-500 MA	10.50
EL 280	GALVANOMETER	-35-0-35 MV	10.50
EL 285	GALVANOMETER	-500-0-500 MA DC	10.50

TESLA COIL VERSATILE & UNUSUAL SOURCE OF HIGH FREQUENCY HIGH VOLTAGE ELECTRICITY. ARCS OF UP TO 3", 50,000 V POTENTIAL, .1 TO 1 MEGAHERTZ. CONSISTS OF VIBRATOR, 2 CAPACITORS, CORD & PLUG, PRIMARY & SECONDARY COILS, ADJUSTABLE SPARK GAP, SAFETY GUARD. ACCESSORIES & INSTRUCTIONS. 110 VOLT 50 Hz



EL 354

\$229.00

VAN DE GRAAF GENERATOR KIT ELECTROSTATIC GENERATOR, USES 110 VOLT 60 CYCLE AC, EASY ASSEMBLY WITH PLIERS & SCREWDRIVER.



EL 356 400,000 VOLT 90 cm HIGH

\$399.00

EL 357 200,000 VOLT 45 cm HIGH

110.00

WIMHURST GENERATOR IDEAL FOR USE IN ELECTRICAL AND PHYSICS EXPERIMENTS. PLASTIC DISCS ROTATE IN TWO OPPOSITE DIRECTIONS, METAL BRUSHES CONNECT PLATES TO CONDENSERS UNTIL DISCHARGED. ECONOMY VERSION USES METAL FOIL ON ROTATING PLATES. DELUXE VERSION USES SHEET METAL ON DISCS, WITH GLASS LYEDEN JARS AND IS OF HEAVY CONSTRUCTION.



EL 350

ECONOMY

\$ 99.00

EL 352

DELUXE

295.00

ELECTROLYSIS APPARATUS BROWNLEE TYPE WITH PLATINUM ELECTRODES. COLLECTION TUBES, SUPPORTS AND OUTER JAR. WITH INSTRUCTIONS

EL 359

\$39.95

