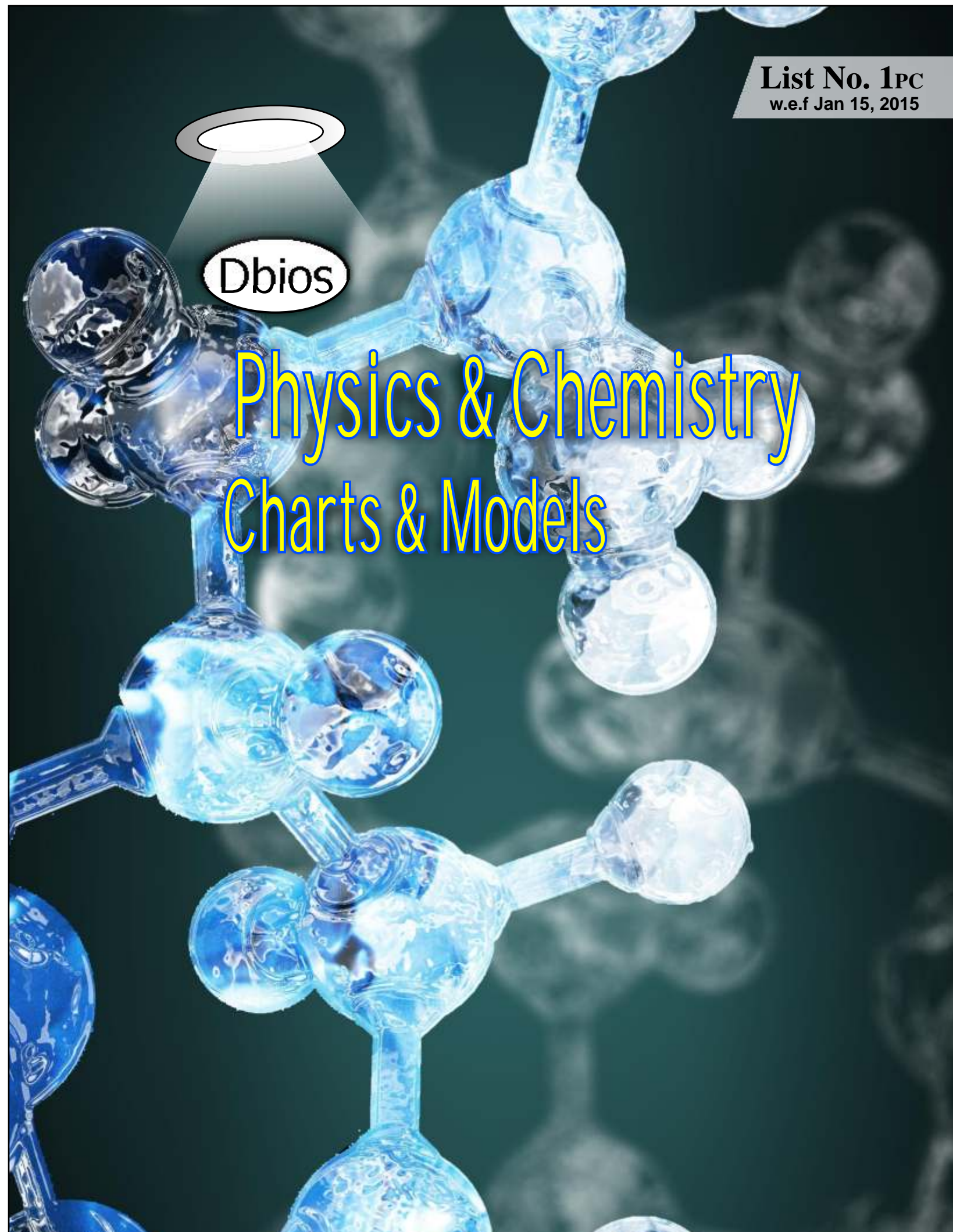


List No. 1PC  
w.e.f Jan 15, 2015

Dbios

# Physics & Chemistry Charts & Models



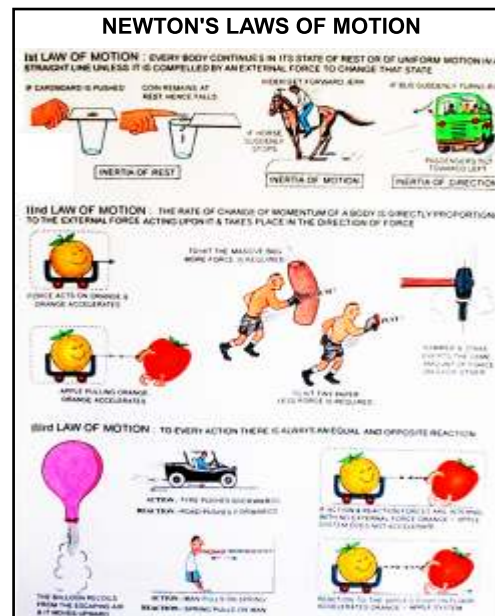


# PHYSICS CHARTS

Dbios

Physics - Total 107 Charts

size 75x100cms. on White Raxine



CH 874

## OPTICS

- CH 293 Eye & Its Defects
- CH 830 Refraction of Light
- CH 831 Reflection of Light
- CH 835 Chromatic Aberrations & Their Remedies
- CH 836 Optical Microscope
- CH 837 Optical Telescope
- CH 843 Michelson's Interferometer
- CH 850 Light Dispersion
- CH 851 Light Diffraction
- CH 852 Light Polarisation
- CH 853 Light Interference
- CH 855 Images Formed by Lenses
- CH 856 Images Formed by Mirrors
- CH1050 Optical Fibre- Basic Principle
- CH1051 Fibre Splicer, Coupler

## MECHANICS

- CH 873 Surface Tension
- CH 874 Newton's Laws of Motion
- CH 875 Dimensional Formulae
- CH 841 Elasticity-Hooke's Law
- CH1055 Simple Pendulum & S.H.M.
- CH1056 Moment of Inertia
- Ch1057 Cantilevers & C.L.B.
- CH 1058 Gallilean & Lorenz Transformations

## ATOMIC & NUCLEAR PHYSICS

- CH 1060 Structure of Atom
- CH 1061 Nuclear Fission Reactors
- CH 1062 Zeeman & Paschen-Back Effect
- CH 1063 Stark & Raman Effect
- CH 868 Atomic Reactor
- CH 869 Nuclear Fission & Fusion
- CH 845 Particle accelerator-Cyclotron

- CH 846 Nuclear Radiation Detectors-I
- CH 846A Nuclear Radiation Detectors-II
- CH 1064 Effects of Radiation on Human

## HEAT & THERMODYNAMICS

- CH 829 Heat Transfer
- CH 834 Types & Uses of Thermometers
- CH 838 Davison & Germer Experiment
- CH 839 Carnot Cycle
- CH 867 Inter Conversion of Energy Forms

- CH 876 Engines (Internal & External Combustion)

- CH 1065 Thermodynamical Processes
- CH 1066 Calorimeter (Joule's Method)

## MODERN PHYSICS

- CH 840 Lasers-Basic Principle
- CH 847 Photoelectric Effect
- CH 848 Origin of X-Rays
- CH 1059 Holography
- CH 1070 Compton's Effect
- CH 1071 Basic Laser Device & Action
- CH 1073 Lasers-Types
- CH 1074 Michelson - Morley Experiment

## ELECTRICITY & MAGNETISM

- CH 833 Uses of Electricity in Daily Life
- CH 849 Ohm's Law
- CH 859 Kirchoff's Laws
- CH 870 Magnet & its Properties
- CH 871 Electro magnetic Induction
- CH 1078 Simple Electric Circuit
- CH 1079 Electro Magnetic Spectrum
- CH 1080 AC Circuits
- CH 1081 Magnetic Circuits
- CH 1082 Hysteresis Curve
- CH 1083 Maxwell's Equations
- CH 1084 Hall Effect
- CH 1085 Hydro Electric Power Project (DAM)

## SOLID STATE PHYSICS

- CH 872 Types of Crystal Structure
- CH 1088 X-Ray Diffraction & Bragg's Law
- CH 1089 Bragg's Spectrometer

## ELECTRONICS

- CH 857 Semi-Conductor-I
- CH 858 Semi-Conductor-II
- CH 860 Oscillators
- CH 861 Logic Gates
- CH 862 Transistor characteristic
- CH 863 Triode Characteristics
- CH 864 Rectifiers
- CH 865 Electronic Symbols-I
- CH 866 Electronics Symbols-II
- CH 1517 Diac & Triac
- CH 1519 Feedback amplifiers
- CH 1520 Multistage amplifiers
- CH 1521 O.P. amplifiers
- CH 1523 Diodes-I

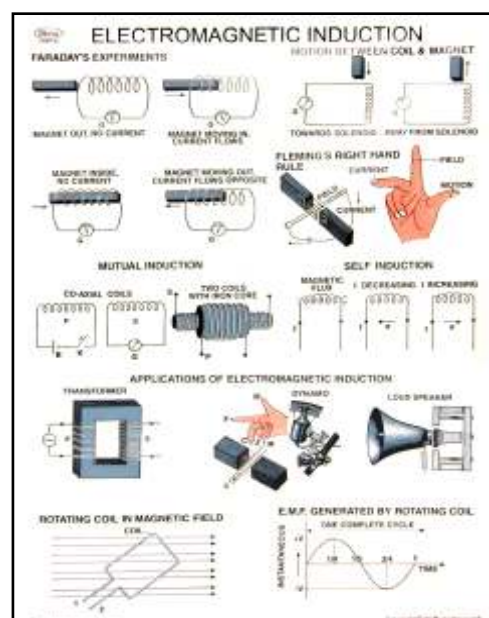
- CH 1524 Diodes-II
- CH 1526 Dynamos
- CH 1535 Flip Flops : SRTD
- CH 1536 Flip Flops : JK Master Slave
- CH 1537 Shift Register Types
- CH 1539 ADC Techniques
- CH 1540 DAC Techniques
- CH 1529 Cathode Ray Oscilloscope
- CH 1092 Solar Cell

## SPACE / COMMUNICATIONS

- CH 1095 The Solar System
- CH 1096 Solar & Lunar Eclipses
- CH 1097 Galaxies
- CH 1503 Frequency Modulation
- CH 1507 Satellite Communications
- CH 1508 Electromagnetic Frequency Spectrum

## MICROPROCESSORS

- CH 1546 Digital Modulation
- CH 1510 8085 Block diagram
- CH 1511 8085 Pin layout
- CH 1545A 8086 Instruction set
- CH 1545B 8086 Instruction set
- CH 1513 8255A The Programmable Peripheral Interface
- CH 1514 8155 & 8755 The Programmable Device
- CH 1530 555 Pin diagram & architecture
- CH 1531 555 Multi Vibrators
- CH 1542 8051 Block Diagram
- CH 1543 8051 Instruction set
- CH 1544 8051 SFR. Special Function Registers
- CH 1550 8085 Interrupts
- CH 1556 Strain Gauges



CH 871

Physics Charts size 75x100cms. on White Raxine

# PHYSICS MODELS & INSTRUMENTS

Dbios

## WORKING MODELS

- DPM 1. 2 Stroke Diesel Engine
- DPM 2. 2 Stroke Petrol Engine
- DPM 3. 4 Stroke Diesel Engine
- DPM 4. 4 Stroke Petrol Engine
- DPM 5. Steam Engine Single Piston
- DPM 6. Wind mill impact type
- DPM 7. Electric Motor Model
- DPM 8. Hydro Power Project
- DPM 9. Traffic Light Model
- DPM 10. Generator Model in Acrylic case (Generates approx 15v energy)
- DPM 11. Dynamo Model
- DPM 12. Compact Plastic framed Solar System
- DPM 13. Electric bell demonstration model
- DPM 14. Solar energy 9 in 1 kit { Fan, Transistors, Torch, Buzzer, Led, Calculator, Battery, Meter, }

## DEMONSTRATION KITS

- DPM 15. Basic Soldering kit
- DPM 16. Electric & Magnetic kit
- DPM 17. Fundamentals of Electricity
- DPM 18. De-Mountable Transformer
- DPM 19. Simple Circuit Board
- DPM 20. Magnetic Field Demonstration
- DPM 20A. Magnets kit
- DPM 21. Free fall apparatus ( to calculate 'g' )
- DPM 22. House wiring kit
- DPM 23. Archimedes principle kit
- DPM 24. Ray optics kit with power supply

## OTHERS

- DPM 24A. Deflection of Sound Apparatus
- DPM 25. Tuning Fork, Superior Quality (Set of 8) with Calibration Certificate
- (a) Blue Steel
- (b) Aluminium (Heavy Pattern)
- DPM 26. Vernier Calliper Wheel Type 12cm Stainless Steel
- DPM 26A. Vernier Caliper Wooden Model for demo
- DPM 26B. Vernier Microscope
- DPM 27. Screw Gauge
- DPM 28. Searle's Apparatus (Young Modulus)
- DPM 29. Boyles Law Apparatus
- DPM 45. Platinum Resistance Thermometer
- DPM 46. Portable Wheatstone Bridge
- DPM 51. Potentiometer with Pencil Jockey
- (a) 10 wire
- (b) 4 wire
- DPM 52. Meter Bridge with Pencil Jockey.
- DPM 53. Sono-Meter Brass with all Accessories.
- DPM 54. Inclined Plane With all Accessories.
- DPM 55. Parallelogram Apparatus with all Accessories
- (a) Wall Mounting
- (b) Wooden Stand
- DPM 56. Optical Bench 1Meter
- (a) Brass (High quality finish)
- (b) Wooden (High quality finish)
- DPM 57. Resonance Column Apparatus
- DPM 58. Surface Tension Balance Jaeger (Having a wide mouth reagent bottle fitted with a cork having two holes, in one hole a dropping funnel is fitted. Complete with manometer, capillary tube. All mounted on suitable wooden stand. Without aspirator.)
- DPM 60A. Vandee graff Generator hand driven
- DPM 60B. Vandee graff Generator motor driven superior
- DPM 60C. Vandee graff Generator Acrylic tube
- DPM 61. Wimshurst Electrostatic Generator
- DPM 62. Gold Leaf Electroscope
- DPM 63. Tangent Galvanometer
- (a) Wooden
- (b) Brass
- DPM 64. Ticker Tape
- DPM 65. Astronomical Telescope
- DPM 66. Reflection and refraction box /tank
- DPM 67. Newtonian Third laws of motion
- DPM 68. Newton's Colour Disc
- DPM 69. Bio Gas Model



DPM 53



DPM 52





## PHYSICS CHARTS

Dbios



DPM 31



DPM 33



DPM 34



DPM 35

### MEASURING Meters

**EDM-80 SQUARE** It is housed in Clear Transparent Front with Accuracy  $\pm 2$  F.S.D. ; Scale Length 65mm; Overall Size : 12x8x8.5 cm approx.

DPM 30A. Ammeter (0-3 Amp)                      DPM 30B. Milli-Ammeter (500mA)                      DPM 30C. Micro-Ammeter (500mA)

DPM 31A. Voltmeter (0-3V)

DPM 31B. Milli-Voltmeter (500mV)

DPM 32. Galvanometer (30-0-30) 20 $\mu$ A/div.

DPM 33. Digital Meter Size 10X10X14 cm ; LCD display 3.5 of digit ; 9v battery operated.

DPM 34. Demonstration Vertical meter ; Scale Length - 80mm; Size : 11.5X11.5X17.5cms; Stand Wooden With Sunmica; Accuracy : 2.5 fsd.

DPM 35. OHM' Meter Size 10X10X14 cm ; It is housed in unbreakable ABS case with clear transparent front cover and operated on 1.5V AA cell

\*\*\*\*\*Customised meters can be prepared as per your specifications \*\*\*\*\*

### Power Supplies

DPM 36A. D.C. Regulated Power Supply 0-15V / 2ADC (2150/-)

DPM 36B. D.C. Regulated Power Supply 0-30V / 3ADC (2800/-)

DPM 37. Battery Eliminators 2-12V DC/ 2A in steps of 2 Volts (550/-)

DPM 38. I.C. Regulated Power Supply 2-12VDC / 2A in steps of 2 Volts (950/-)

### MEASURING Resistances

DPM 40. Resistance Box Plug Type :- fitted with rectangular brass metal heavy blocks & spray painted box. Coins are connected with double nut system. Accuracy 0.02 to 0.1%; Range in 'ohms'

(a) 0.1 to 1ohms      (b) 1 to 10 ohms      (c) 1 to 100 ohms      (d) 1 to 1000 ohms      (e) 1 to 10000 ohms

DPM 41. Dial Resistance Box:- Designed for quick and accurate work. The resistor values on thick Bakelite sheet and read by a pointer.

Each dial consists of 10 steps, provided with Manganin Coils 'A' Grade, Accuracy  $\pm 0.05\%$

(a) 1 dial      (b) 2 dial      (c) 3 dial      (d) 4 dial      (e) 5 dial

DPM 42. Post Office Box Plug type:- Fitted with 7/16" square block with Manganin coils, accuracy  $\pm 0.05\%$

(a) 3 Ratio      (b) 4 Ratio

DPM 43. Decade Condenser (Capacity Box) Dial Type:-

(a) 1 dial 0.001mfd/ 10/ 0.01mfd      (b) 2 dial 0.001 and 0.01mfd/ 20/ 0.1mfd

DPM 44. Rheostat 4.3cm Dia tube wound with heavily oxidised Eureka wire and mounted on duco painted metal feet provided with laminated brush contacts of phosphor bronze strips, Brass C.P. Guide rod and lock type terminals.

(a) Size 6" (15 to 1000 ohms)      (b) Size 8" (30 to 1200 ohms)

(c) Size 10" (50 to 1500 ohms)      (d) Size 12" (70 to 2200 ohms)

\*\*\*\*\*Customised Resistance Box/ Rheostat can be prepared as per your specifications \*\*\*\*\*



DPM 40



DPM 43



DPM 44

## SCIENTISTS CHARTS FRAMED ON BOARD

Dbios

Laminated Framed on Board

Small Size 12"x18"

MEDIUM SIZE 16"x21"

big Size 20"x26"

Dbios, introduces for the first time, in India Big Sized multicolored photographs with their achievements in the lightened shades of the photograph to give better understanding to students to correlate famous works with scientist. Each Scientist Photographs comes with detailed descriptions in the fields of their Academics, Works, Designations, Publishing and Awards / Honours.

### PHYSICIST

SP 12 Maghnath Saha  
 SP 13 Galileo Galilei  
 SP 14 Issac Newton  
 SP 15 Sir C.V. Raman  
 SP 16 Homi Jehangir Bhabha  
 SP 17 J.J. Thompson  
 SP 18 Neils Bohr  
 SP 20 Archimedes  
 SP 23 Albert Einstein  
 SP 31 Ernest Rutherford  
 SP 40 Dr. Vikram Sarabhai  
 SP 41 K.S. Krishnan  
 SP 44 A.P.J. Abdul Kalam  
 SP 46 Thomas Alva Edison  
 SP 70 Raja Ramanna  
 SP 71 Stephen William Hawkins  
 SP 72 Rakesh Sharma  
 SP 73 Max Planck  
 SP 74 James Clark Maxwell  
 SP 75 Wilhelm Roentgen  
 SP 76 James Joule  
 SP 77 Johnnes Keppler  
 SP 78 Coppernicus  
 SP 79 Ptolemy  
 SP 80 Heike K. Onnes  
 SP81 S. Chandershekar  
 SP82 Satyander Nath Bose  
 SP83 Benjamin Franklin

### CHEMIST

SC 24 Madam Curie  
 SC 25 Friedrich Wohler  
 SC 26 John Dalton  
 SC 27 Gibert Newton Lewis  
 SC 28 Dimitri I. Mendeleev  
 SC 30 Michael Faraday  
 SC 32 Alfred Nobel  
 SC 35 Dr. S.S. Bhatnagar  
 SC 36 Joseph Priestley  
 SC 37 Humphry Davy  
 SC 39 Venky Ramakrishnan  
 SC 85 Robert Boyle  
 SC 86 J.J. Berzelius  
 SC 87 Henry Bacquerel  
 SC 88 F.A. Kekule  
 SC 89 Avogadro  
 SC 90 James Chadwick  
 SC 91 Robert Bunsen  
 SC 92 Fritz Haber  
 SC 93 Hermann Staudinger  
 SC 94 Willard Libby  
 SC 95 Linus Pauling  
 SC 96 Hans Krebs  
 SC 97 Stanley Miller  
 SC 98 John Fenn  
 SC 99 E.D. Jemmis

### ELECTRONIC

DE 01 Guglielmo Marconi  
 DE 02 Christiaan Huygens  
 DE 03 John Ambrose Fleming  
 DE 04 Alexander Graham Bell  
 DE 05 P.S. Laplace  
 DE 06 Clarence Zener  
 DE 07 Julius Edgar Lilienfeld  
 DE 08 William Shoekley  
 DE 09 Alexander Volta  
 DE 10 James Clark Maxwell  
 DE 11 Max Plank  
 DE 12 Johannes Kepler  
 DE 13 Max Born  
 DE 14 Jack Kilby  
 DE 15 Sherman Fairchild  
 DE 16 Andre-Marie Ampere  
 DE 17 Georg Simon Ohm  
 DE 18 Gustav Robert Kirchhoff  
 DE 19 Joseph Henry  
 DE 20 Heinrich Rudolf Hertz  
 DE 21 Nikola Tesla  
 DE 22 Samuel F. B. Morse  
 SCP 64 William Gates  
 DCP 41 R. Noyce & G. Moore  
 DCP 44 Steve Jobs  
 DCP 45 Steve Wozniak  
 SP 14 Issac Newton  
 SP 15 C. V. Raman  
 SP 18 Neils Bohr  
 SP 23 Albert Einstein  
 SC 27 Gilbert Newton Lewis  
 SC 30 Michael Faraday  
 SP 31 Ernest Rutherford  
 SP 46 Thomas Alva Edison

### COMPUTER

SCP 61 Charles Babbage  
 SCP 62 Blasis Pascal  
 SCP 63 Ada Augusta  
 SCP 64 William Bill Gates  
 SCP 65 Thomas J Watson  
 DCP 11 John Cocke  
 DCP 12 Douglas C. Engelbart  
 DCP 13 Bob Frankston  
 DCP 14 Carver Mead  
 DCP 15 Ken Olsen  
 DCP 16 Pickette Wayne D  
 DCP 17 Dr. Vinton G. Cerf  
 DCP 18 Bob Kahn  
 DCP 21 Ken Thompson  
 DCP 24 Paterson Tim  
 DCP 25 Dennis Ritchie  
 DCP 26 Bjarne Stroustrup  
 DCP 27 James Gosling  
 DCP 28 Brendan Eich  
 DCP 29 Larry Ellison  
 DCP 31 William (Bill) Coleman  
 DCP 32 Michael Saul Dell  
 DCP 33 Mr. Raj Saraf  
 DCP 34 Azim Prem Ji  
 DCP 35 N. R. Narayana Murthy  
 DCP 36 Ratan Tata (F.C.Kohli)  
 DCP 38 Shiv Nadar  
 DCP 39 Flint Charles Ranlett  
 DCP 40 Jason Allen  
 DCP 41 Gordon E. Moore & Robert Noyce  
 DCP 42 Andy Grove  
 DCP 43 William Hewlett and David Packard  
 DCP 44 Steve Jobs  
 DCP 45 Steve wozniak  
 DCP 46 Jerry Yang & David Filo  
 DCP 47 Larry Page and Sergey Brin  
 DCP 48 Sabeer Bhatia  
 DCP 49 Grady Booch  
 DCP 50 Ted Codd  
 DCP 51 Allen Mathison Turing  
 DCP 52 Mark Elliot Zuckerberg

### FAMOUS PHYSICIST IN ONE BIG (30X40") LAMINATED CHART



Dbios

Ask for other Scientists for

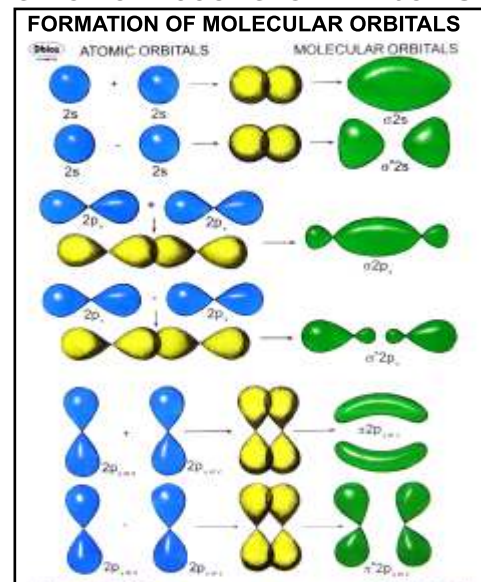
- Botany
- Zoology
- Mathematics
- Sports
- Geography
- Writers
- Computers
- Library



# CHEMISTRY CHARTS

(Dbios)

size 75x100cms. on White Raxine



CH 880

### GENERAL

- CH 877^ Periodic Tables of the Elements
- CH 877A Jumbo Periodic Table (48"x60")
- CH 877B Mendeleev Periodic Table
- CH 939 First Aid in Laboratory
- CH 940 Laboratory Safety Measures
- CH 941 Techniques Used in Laboratory

### PHYSICAL

- CH 878 Shapes of atomic Orbitals
- CH 879 Relative Energies of Orbitals
- CH 880 Formation of Molecular orbitals
- CH 881 Geometry of Molecules - I
- CH 882 Geometry of Molecules - II
- CH 886 Structure of Ionic Solids
- CH 872 Types of Crystal Structure
- CH 888 3D Arrangement in Solids
- CH 907 Types of Cells
- CH 909 Separation of Substances
- CH 915 Liquefaction of Gases
- CH 930 Lattice Defects
- CH 932 Michaelis Menten Equation
- CH 938 Radioactivity
- CH 1060 Structure of Atom
- CH 868 Atomic Reactor
- CH 869 Nuclear Fission & Fusion

### ORGANIC

- CH 883 Hybridisation
- CH 884 Orbital Structure of Benzene
- CH 885 Confirmation in Hydrocarbons

- CH 889 Structural Isomerism Part - I
- CH 890 Structural Isomerism Part - II
- CH 891 Stereoisomerism Part - I
- CH 892 Stereoisomerism Part - II
- CH 897 Refining of Petroleum
- CH 926 Preparation of CH<sub>4</sub>, C<sub>2</sub>H<sub>4</sub> & C<sub>2</sub>H<sub>2</sub>
- CH 934 Chromatography

### INORGANIC

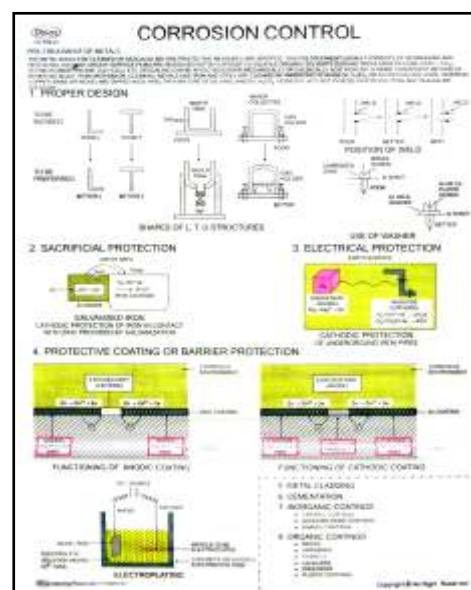
- CH 893 Estimation of Nitrogen
- CH 894 Determination of Molecular Mass
- CH 898 Preparation of Oxygen
- CH 899 Preparation of Hydrogen
- CH 900 Preparation of Nitric Acid
- CH 901 Manufacture of Ammonia
- CH 902 Manufacture of Sulphuric Acid
- CH 903 Preparation of Carbon Dioxide
- CH 904 Preparation of Hydro chloric Acid
- CH 896 Extraction of Metals
- CH 905 Extraction of Aluminium
- CH 906 Extraction of Copper
- CH 912 Oxidation & Reduction
- CH 920 Extraction of Iron
- CH 923 Distillation
- CH 924 Soap Manufacturing
- CH 927 Principle of Extraction
- CH 936 Acids, Bases & Salts
- CH 937 Electrolysis
- CH 942 Chemical Bonding
- CH 943 Manufacturing of Cement
- CH 945 Organo-metallic Compounds
- CH 946 Chemical Analysis of food Articles
- CH 947 Manufacturing of Glass
- CH 948 Manufacturing of NaOH

### COLLEGE LEVEL

- CH 845 Particle accelerator-Cyclotron
- CH 846 Nuclear Radiation Detectors-I
- CH 846A Nuclear Radiation Detectors-II
- CH 917 Synthetic Polymers
- CH 918 Natural & Synthetic Rubbers
- CH 929 Corrosion
- CH 935 Synthetic Dyes
- CH 951 Phase diagram of one component system
- CH 952 Phase diagram of two component system
- CH 953 Boiler Problems
- CH 954 Softening of water

Chemistry- total 85 Charts

- CH 955 Desalination of water
- CH 956 Corrosion control
- CH 957 Types of Mechanism of Corrosion
- CH 958 Types of Electro-Chemical Corrosion
- CH 959 Chemical Properties of Lubricants
- CH 960 Polymer Composites
- CH 961 Titrimetric Methods of Analysis
- CH 962 Determination of Alkalinity of Water
- CH 963 Determination of Hardness by EDTA Method
- CH 964 Determination of Viscosity by Red Wood Viscometer
- CH 965 Determination of Flash point by Pensky Martin's Apparatus
- CH 966 Preparation of Urea
- CH 967 Preparation of Phenol
- CH 970 Treatment of water for domestic use.
- CH 971 Types of Mechanism of Corrosion
- CH 972 Types of Electrochemical Corrosion
- CH 973 Mechanism of Lubrication



^ Polyart Periodic Table

Chemistry Charts size 75x100cms. on White Raxine

# CHEMISTRY MODELS

(Dbios)

Three Dimensional Demonstration are prepared in acrylic show case & further packaged in superior cardboard boxes to make it durable life long. A Rare collection of Ball & Stick Models.

- DCM 47. Advanced Jr. Atomic Model set ( 47 balls+35 links) with flexible connectors & advanced balls.
  - DCM 48. Advanced Sr. Atomic Model set ( 100 balls+86 links) with flexible connectors & advanced balls. 100 Atom parts, open and loose models. This set Enables the teachers to demonstrate to Various Molecular Shapes of **Benzene; Silver Nitrate, Methyl-amine, Sulphuric acid, Methanol & many more**
- Details inside :-** Balls
- |                        |                        |
|------------------------|------------------------|
| Carbon (Black)-12;     | Sulphur (Yellow)-13;   |
| Oxygen (Red)-22;       | Nitrogen (Blue)-10;    |
| Metal (Gray)-11;       | Phosphorus (Purple)-7; |
| Halogen (Green)-8;     | Hydrogen (White)-14;   |
| Metal small (Grey)-3;  | Flexible big link-36;  |
| Flexible small link-50 |                        |

- DCA 01 Digital Balance cap. 200gm h.c.o.01 (10mg)
- DCA 02 Pensky Martin flash point apparatus
- DCA 03 pH meter (Digital) table pattern
- DCA 05 Bunsen burner superior for university lab
- DCA 06 Bunsen burner without stopcock
- DCA 07 Bunsen burner with stopcock
- DCA 00 LECLANCHE CELL (Complete) Includes Filled Porous Pot, Zinc Rod & Plastic Jar
- DCA 00 DANIEL CELL (Complete) Includes Copper Pot, Empty Porous Pot & Zinc Rod
- DCA 00 DRY CELL (2Volt)
- DCA 00 VOLTIC CELL (simple Cell) Consists of Copper & Zinc Plate in plastic Jar

Ask For First Aid Box

- DCM 49. Jr. Atomic Model set ( 37 sticks+75 balls)
- DCM 50. Sr. Atomic Model set (185 sticks+370 balls)
- DCM 51. Atomic Model (Set of 5)
 

1. Water H <sub>2</sub> O	2. Chlorine Cl <sub>2</sub>
3. Ammonia NH <sub>3</sub>	4. Sulphur S
5. Phosphorous P	
- DCM 52 Atomic Model set of 10 Hydrocarbon (Carbon Compound)
 

1. Methane CH <sub>4</sub>	2. Ethane C <sub>2</sub> H <sub>6</sub>
3. Propane C <sub>3</sub> H <sub>8</sub>	4. N-Butane C <sub>4</sub> H <sub>10</sub>
5. Iso-Butane C <sub>4</sub> H <sub>10</sub>	6. Neo-Pentane C <sub>5</sub> H <sub>12</sub>
7. N-Pentane C <sub>5</sub> H <sub>12</sub>	8. Iso-Pentane C <sub>5</sub> H <sub>12</sub>
9. Ethylene C <sub>2</sub> H <sub>4</sub>	10. Acetylene C <sub>2</sub> H <sub>2</sub>
- DCM 58. Diamond crystal model
- DCM 59. Graphite crystal model
- DCM 60. Sodium chloride crystal model
- DCM 61. Structure of Atom (Arrangement of electrons in atom)
- DCM 62. Model of Atoms (set of 3) {Structure of Atom, Orbits of Atom, Isotopes of Hydrogen Atom}
- DCM 63. Formation of Ions (set of 3) {Sodium, Chlorine & Magnesium}
- DCM 64. Covalent bonds (set of 4) {Hydrogen, Chlorine, Oxygen, Water}
- DCM 65. Models on Molecules (set of 5) {Hydrogen, Helium, Oxygen, Sulphur, Yellow Phosphorous}
- DCM 66. Structure of Molecules (set of 3) {Oxygen, Hydrogen, Silicon}
- DCM 71. Nuclear chain Reaction model.
- DCM 72. Nuclear Reactor model.
- DCM 73. Nuclear Fusion model.
- DCM 78. Fullerene crystal model C 90
- DCM 79. Budget Bucky Ball C 60
- DCM 80. Bucky Tube (Carbon Nano Tube)



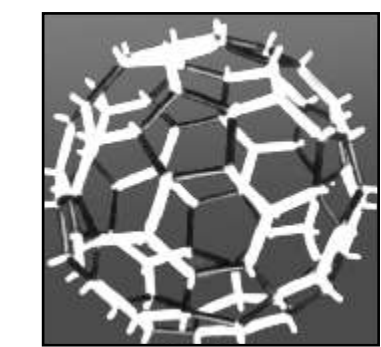
DCA 05 DCA 07



DCM 49



DCM 51



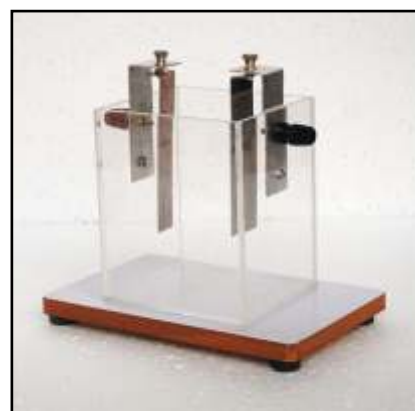
DCM 78

Ask for Skeleton & Other Human Models

Ask for special discounts on Chemical and Glasswares.

## ACTIVITIES SET

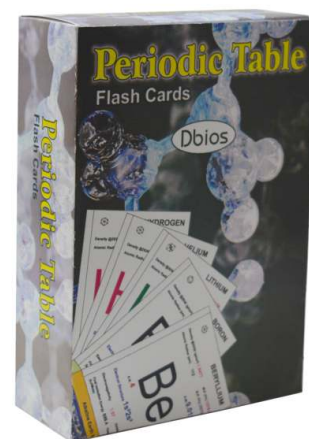
- DCM 81. Electrolysis of Copper Purification.
- DCM 82. Electrolysis (Water) Apparatus.
- DCM 83. Electroplating Apparatus.
- DCM 84. Purification of metal by froth flotation
- DCM 85. Corrosion & its preventive Measures
- DCM 86. Basic cards for Periodic Table  
{Especially for High Schools }
- DCM 87. Knowing your Periodic Table & Families  
{ A Fun pack of flash cards Epecially for Senior  
Secondary School}
- DCM 88. Reaction of Acids / Bases with metals.
- DCM 89. Acid solution conducts electricity
- DCM 90. Preparation of HCL gas
- DCM 91. Prparation of Soda-acid fire extinguisher.
- DCM 92. Chromatography
- DCM 93. Lab safety demonstration for liquids.



DCM 83



DCM 82



DCM 87



DCM 86



Ask for other Catalogues on

- Botany
- Geography
- Zoology
- English
- Mathematics
- Computers
- Sports