TECHNO SCIENCE INSTRUMENTS

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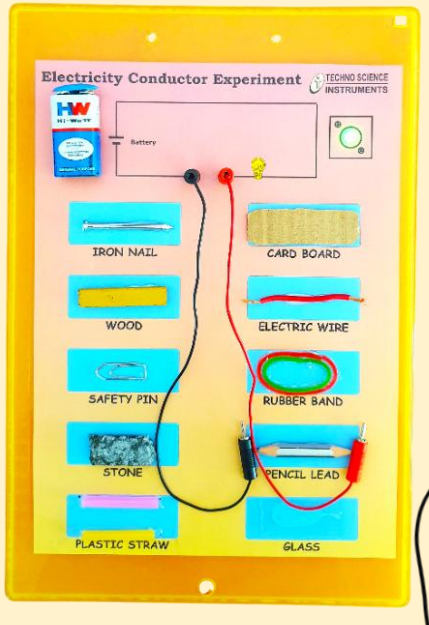
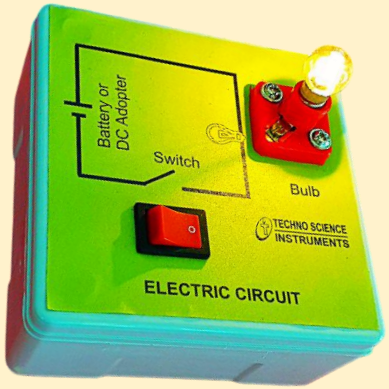
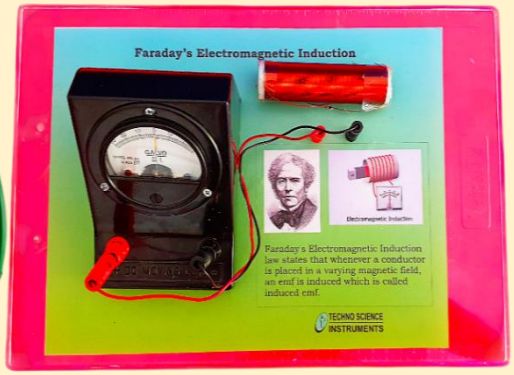
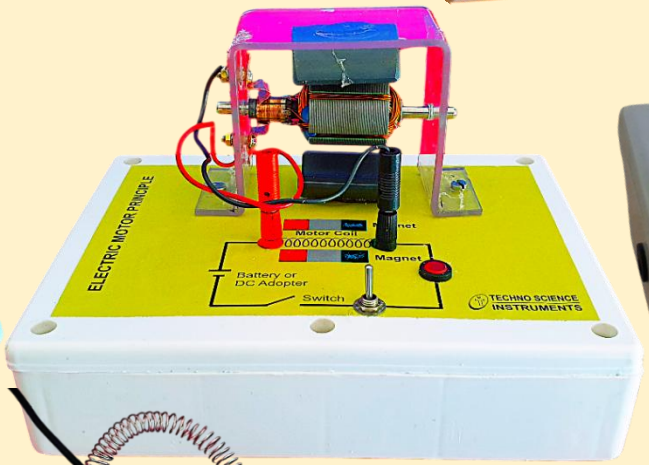
PLUS 2 LAB

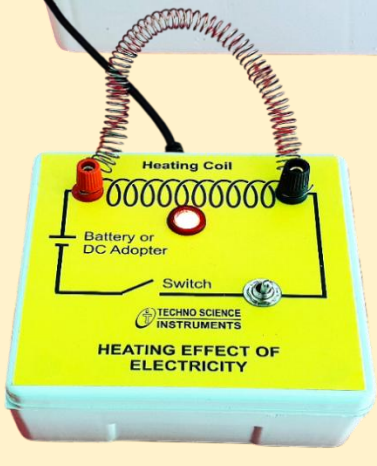
List of Electronics Instruments, Experiments kits and Demo models

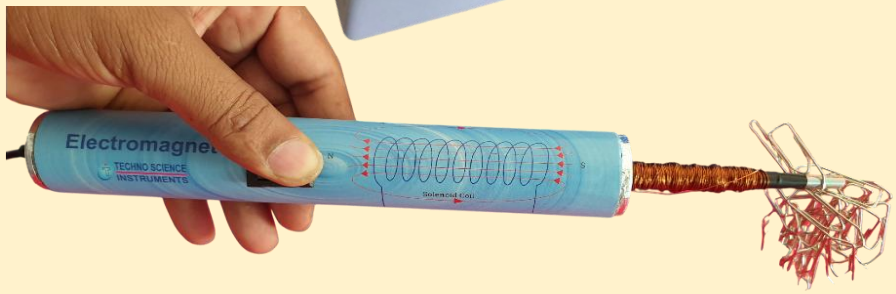








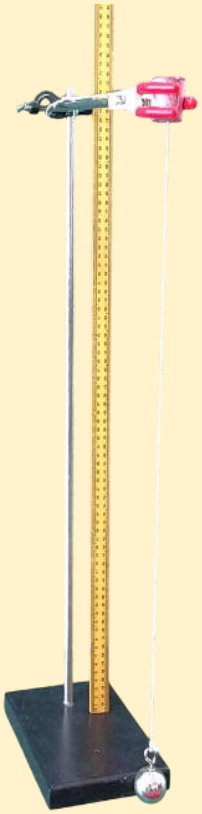




Determination of Density of metals by measuring volume and mass

- *Digital weighing balance 300g capacity with 10mg resolution, battery backup, with shield*
- *Digital Vernier calliper SS type, 0.01mm Least count, 150mm length*
- *Pipette 10ml with rubber squeezer*
- *Cotton thread one roll*
- *50 ml glass beaker*
- *Al, Cu, Fe, Brass metal cuboids having 12 × 12 × 30mm dimensions*
- *Metal rods 10mm dia × 30mm length)*

Determination of acceleration due to gravity 'G' (manual method)



- *Metallic bob with hook (2 Nos),*
- *Metal clamp stand 75cm height*
- *Split halves of a cork with plane faces*
- *Fine cotton thread roll*
- *Digital stopwatch with 0.01s resolution*
- *Wooden 1 meter scale.*

Determination of acceleration due to gravity 'G' (Digital method)

- *Metallic bob with hook (2 Nos),*
- *Metal clamp stand 75cm height*
- *Split halves of a cork with plane faces*
- *Fine cotton thread roll*
- *Digital oscillation counter with timer 0.01s resolution*
- *Wooden 1 meter scale.*

Verification of Law of conservation of energy

- *Height adjustable metal plane 50cm length with pvc slide*
- *Solid SS sphere 16 mm diameter*
- *Adjustable height 0-6 cm pvc slide*
- *IR sensors and digital Timer 0 – 9999.9 sec with 100µs resolution*

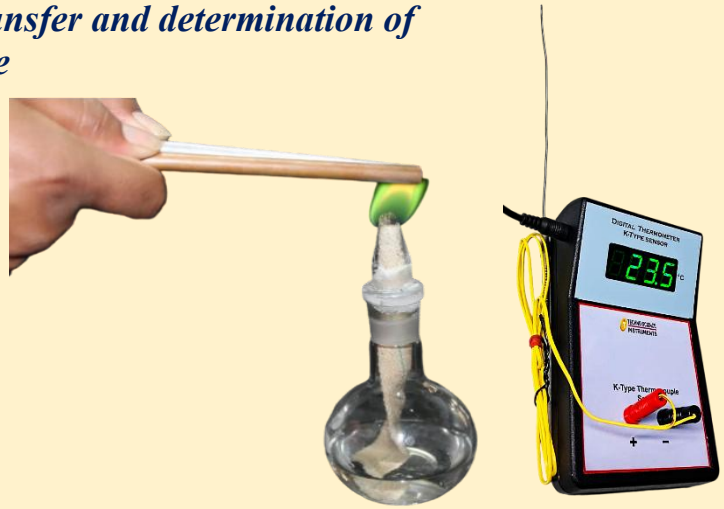
Study of Projectile motion

- *Adjustable height metal stand*
- *Adjustable angle 0-90°*
- *Spring loaded launcher*
- *Measuring tape (metal).*
- *Solid SS sphere 16 mm diameter*

Determination of velocity of sound – Resonance column

- *Metal stand with 75cm height*
- *60mm and 30mm length of open-ended brass pipes with graduation*
- *Two aluminium tuning forks (480Hz & 512Hz)*
- *Rubber pad*
- *Tall 1 litre PVC measuring cylinder*

Study of Heat Transfer and determination of flame temperature



- *Digital Thermometer 0-1000°C with 0.1 °C resolution*
- *K-Type thermocouple sensor*
- *Cu, Al, Brass and Fe metal rods of 8mm dia and 15cm length*
- *Spirit lamp glass type*

Study of Temperature dependence of resistance of metal and semiconductor

- *Integrated electronic instrument to measure resistance and temperature*
- *Resistance Range: 0-200Ω with 0.1Ω resolution*
- *K-Type thermocouple sensor*
- *Temperature Range: 0-300°C with 0.1°C resolution*
- *Copper coil 10Ω*
- *Thermistor 10Ω*
- *250 ml beaker*
- *Glass stirrer 6 inch*

Study of Magnetic moments using null deflection equal distance methods

- *1 meter length Magnetometer board with 4-inch magnetic compass.*
- *Bar magnet 2 nos.*

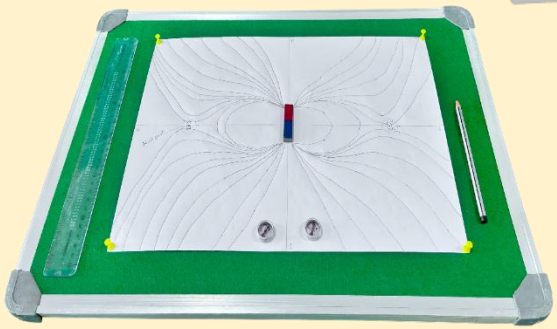
Study of Newton's Law of cooling

- *Digital Thermometer 0-300°C with 0.1 °C resolution*
- *K-Type thermocouple sensor*
- *Digital Timer 0.1 sec resolution*
- *250 ml beaker*
- *Glass stirrer 6 inch*

Verification of Newton's Law equations

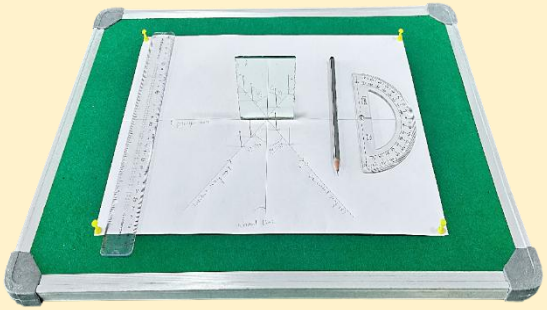
- *Adjustable angle inclined plane 0 to 35°*
- *Digital timer 0-9999.9s with100μs resolution*
- *Inclined plane with two IR sensors mounted (one adjustable position)*
- *Digital inclinometer to measure angle from 0-40° (0.1° reading)*
- *SS sphere 16mm dia,*
- *50cm PVC slide cm scale for distance measurement*

Mapping of magnetic lines of force



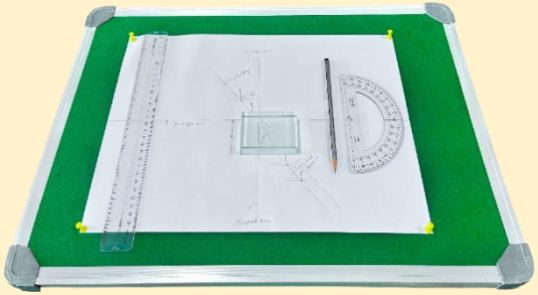
- *Bar magnets 2 nos.*
- *20mm dia magnetic compass 2 nos.*
- *Drawing board 1 × 2 feet size*

Verification of Laws of Reflection



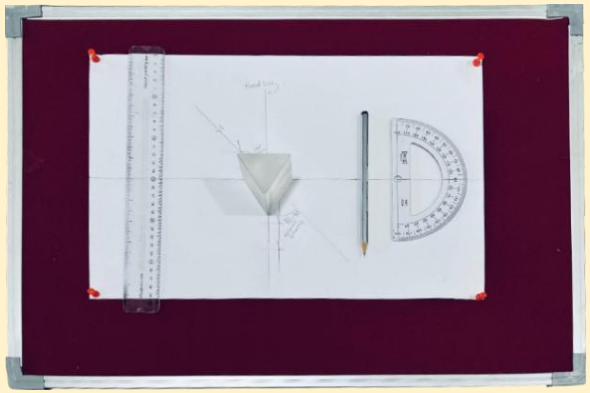
- *Plane mirror 100x100mm size*
- *PVC protractor*
- *30cm PVC ruler*
- *Drawing board 1 × 2 feet size*
- *Pin box*

Verification of Laws of Refraction



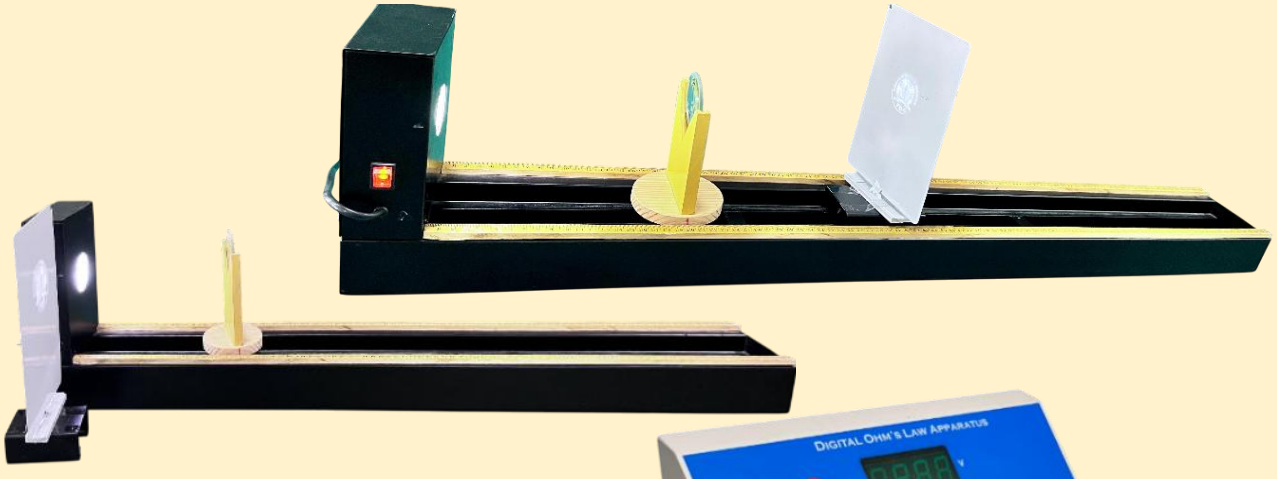
- *Drawing board 1 × 2 feet size*
- *Pin box*
- *Glass slab flint white glass 77 × 50 × 20mm size*

Determination of Refractive index of prism



- *EDF prism 32 × 32mm size*
- *Drawing board 1 × 2 feet size*
- *Pin box*

Determination of focal length of lens and mirror



- *Optical bench 1m length metal type with wooden scale on either side*
- *Bright LED light source*
- *Adjustable position len*
- *s holder and image screen*
- *Convex lens 2 Nos, Concave lens 2 Nos, Convex mirror 2 Nos, Concave mirror 2 Nos (all having 10cm focal length)*

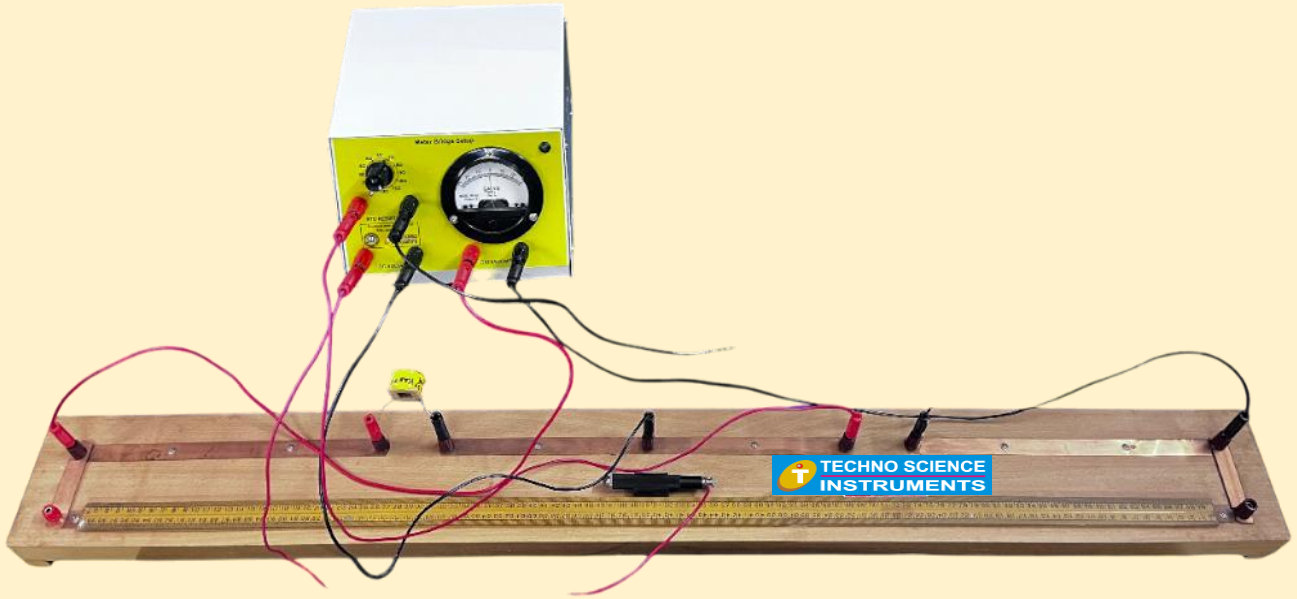
Verification of Ohm's Law

- *Easy to connect socket board to insert resistors*
- *10 turn potentiometers to adjust applied voltage*
- *DC power supply 0-10V*
- *Digital Voltmeter 0-10V with 0.01V resolution*
- *Digital Ammeter 0-100mA with 0.1mA resolution*
- *Spare resistors of different values in 10 quantities.*

Verification of series and parallel resistor circuits using multi-meter

- *Easy to connect socket board to insert resistors*
- *Series and parallel connection with 3 resistors each*
- *Digital multi-meter 3 ½ digit*

Determination of Resistivity of metal using Meter bridge



- *Meter bridge board with copper strips 1m length with jacky*
- *Metal wires (Cu: 4-6Ω, Fe: 4-5Ω, Kantal wound on bobbins)*
- *Integrated box with selectable precision 1Ω resistors 1-11Ω through rotary switch*
- *DC power Supply*
- *Galvanometer*
- *Thick wires with banana jacks*
- *AC230V operated*

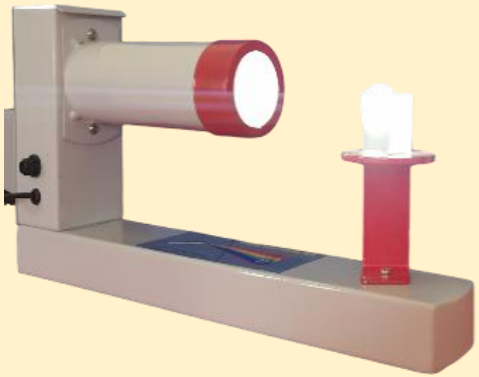
Understanding series and parallel circuits using Bulbs

- *Bulb board*
- *6V AC power supply*

Diffraction spectrometer using CD grating with CFL lamp

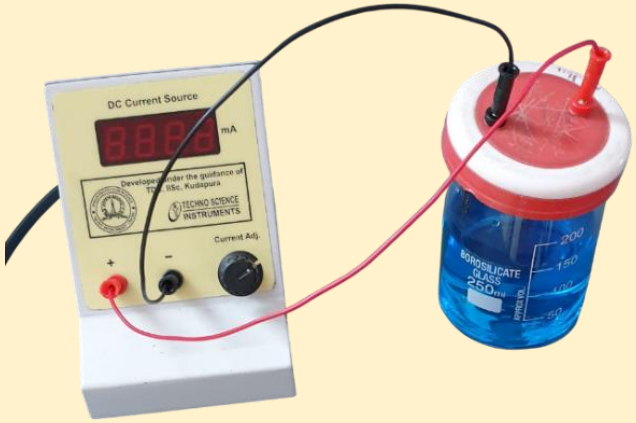
- *Integrated box with with CFL lamp, CD grating, slit and view port*

Study of dispersion of light study Prism



- *Rotatable prism table*
- *EDF Prism*
- *LED light source*
- *Iimage screen*

Study of Electroplating



- *Constant current source*
- *250ml glass beaker*
- *SS and Cu strips*
- *copper sulphate 500g*
- *connecting wires with clips*

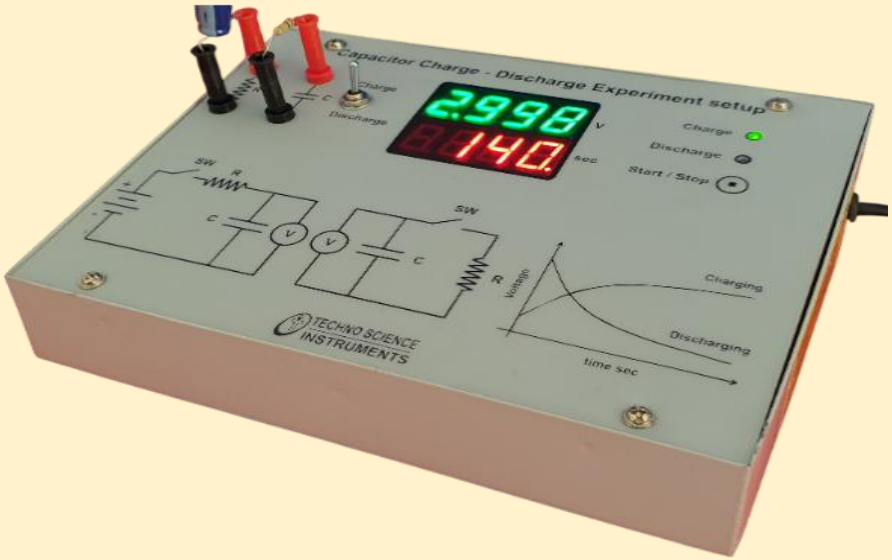
Study of Electrolysis of water

- *Acrylic tub*
- *measuring cylinders 25ml for collecting oxygen and hydrogen*
- *Constant current source*
- *Potassium hydroxide palette 500g*

Measurement of atmospheric pressure using digital meter

- *Digital pressure meter 200kPa range with 0.1kPa resolution*
- *silicone tube*
- *Power adaptor 5V 1A*

Study of Capacitor charging and discharging

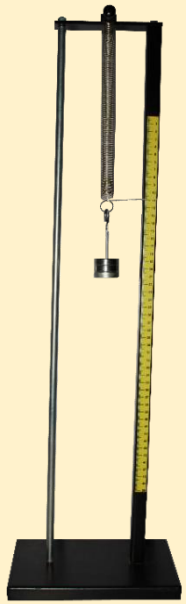


- *Instrument with connection for inserting resistor and capacitor*
- *Regulated dc power supply*
- *Timer control counter*
- *Digital voltmeter 0-5V with 10mV resolution*
- *Data freeze for 3 seconds to facilitate noting down the voltage & time value*
- *Electrolytic capacitor* $1000\ \mu F, 25V$ *and* $100k\Omega$ *resistor*

Verification of Earth's magnetic field using Tangent Galvanometer

- *Adjustable constant current source 0-200mA*
- *copper coil frame and coils of different number of turns*
- *10 cm diameter magnetic compass*

Determination of spring constant



- *Two types of springs 10cm and 12cm*
- *Weight hanger with 50g × 5 weights*
- *Metal stand 70cm height with cm ruler sticker.*

Determination of wavelength of light using diffraction grating

- *650 nm Laser light with power supply*
- *Height adjustable laser light stand*
- *Grating plate (100 lines/mm, 300 lines/mm, 600 lines/mm) with stand*
- *Metal screen*$(20 \times 15 \times 0.1\ cm)$
- *Meter scale (1 m wooden)*

Study of Photoelectric effect

- *Photoelectric measurement unit*
- *Photocell of work function of 1.5 eV*
- *12W white light source*
- *Colour filters (680nm, 580 nm, 520nm, 480nm, 435nm)*

Determination of Avogadro's number

- *Constant current source 0-200mA*
- *Digital Timer 0-999 s with 0.1 sec*
- *Digital balance 200g/0.001g precision*
- *Glass beaker 250ml*
- *SS strip for electrodes*
- *Connecting wires*

Verification of Boyle's Law

- *Digital pressure meter 0-600 kPa with 0.1 kPa resolution*
- *PVC syringe 5ml with 0.2ml graduation*
- *Connecting silicone hose*

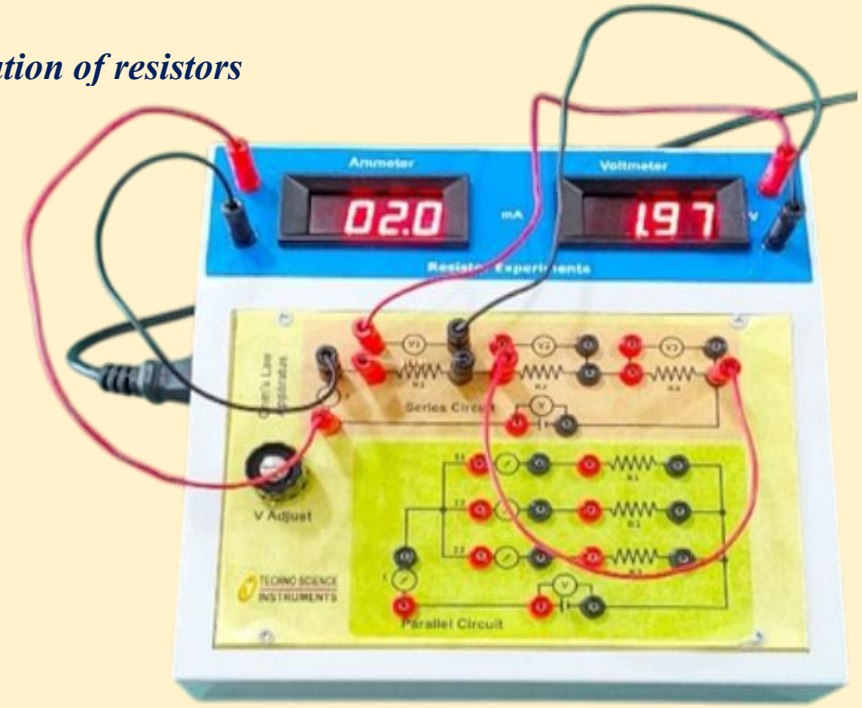
Verification of Gay Luussac's Law

- *Digital pressure meter 15 - 115 kPa with 0.1 kPa resolution*
- *Digital Thermometer Pt-100 sensor 0-600°C with 0.1 °C resolution*
- *Connecting silicone hose*
- *1 litter volume glass flask*
- *15 litter tub*

Study of Forward and Reverse bias characteristics of diode, Zener diode and LED (3 in 1 experiment kit)

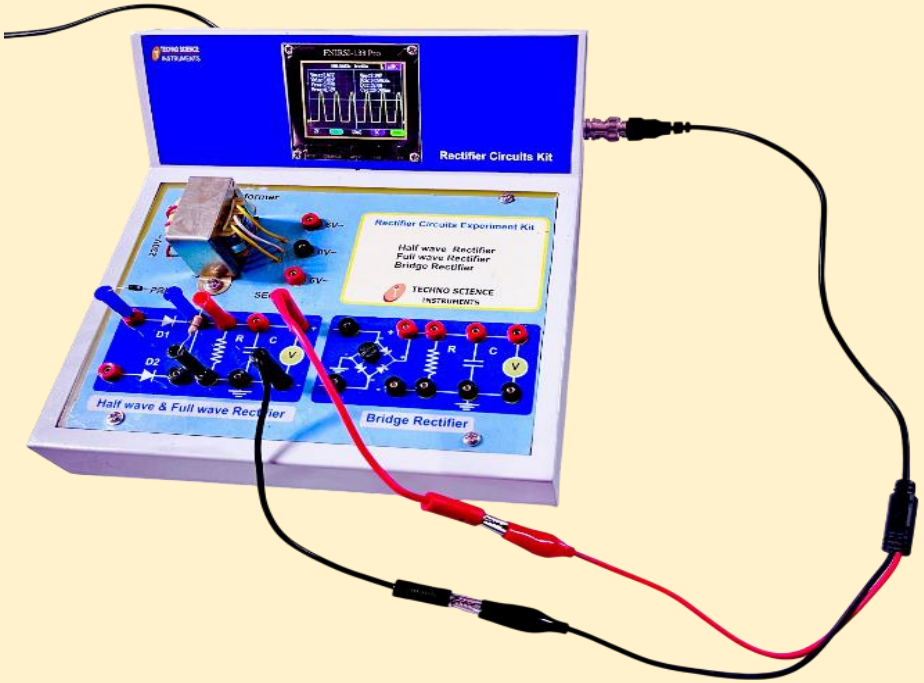
- *Rectifier diode-1N4007*
- *Zener diode- 1N750*
- *Inbuilt 0-15V DC power supply*
- *Digital voltmeter: 0-20V/0.01V*
- *Digital Ammeter: 0-200mA/0.1mA/1μA*
- *LEDs: Red, yellow, green and blue colour*
- *Resistor: 1000 Ω (¼ Watt).*

Ohm's law and combination of resistors in series and parallel



- *Inbuilt 0-15V DC power supply*
- *Digital voltmeter: 0-20V/0.01V*
- *Digital Ammeter: 0-200mA/0.1mA/1μA*
- *Resistor: 1k Ω, 330 Ω, 560 Ω (½ Watt).*
- *Series and parallel circuit arrangement.*
- *AC230V operated system*

Study of Half wave, Full wave and Bridge Rectifier circuits

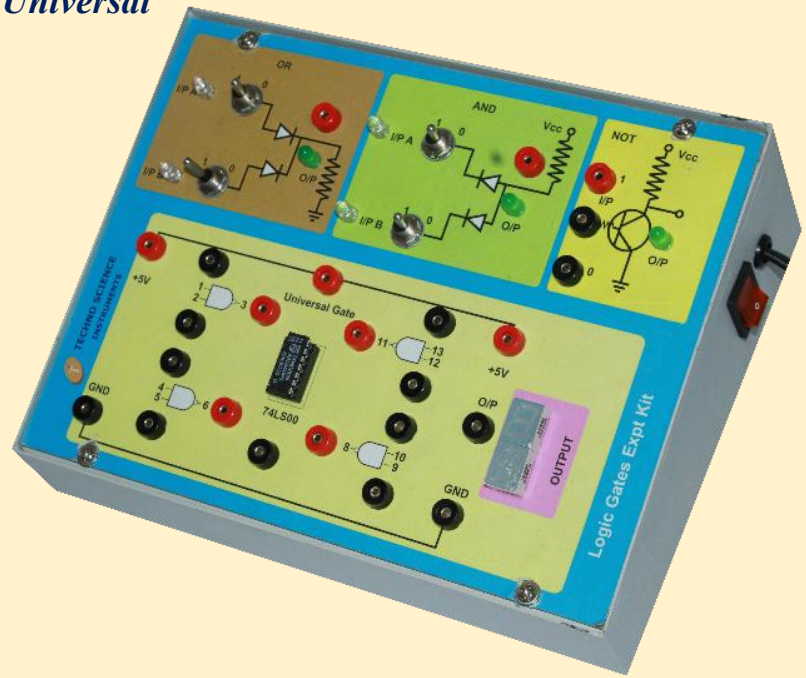


- *Inbuilt 6-0-6V ac power supply*
- *Connecting ports for half wave and full wave rectifier*
- *Rectifier diode: 1N4007, 2W10*
- *Resistor 1000 Ω (¼ Watt)*
- *Capacitor 1000uF*
- *patch cords,*
- *1 channel mini digital oscilloscope 2.4" display*

Study of NPN Transistor characteristics

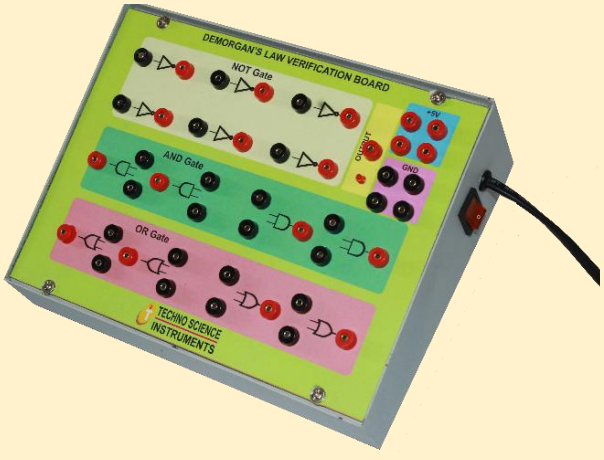
- *BC547 / CL100 NPN transistor,*
- *two variable dc power supply (0-5V, and 0-20V),*
- *two dc ammeter (0-100μA; 0-100mA), digital voltmeter,*
- *Circuit board with a base resistor of 50kΩ, a collector resistor of 1kΩ*

Study of Logic Gates and Universal gate principle



- *Board with easy to wire gates using discrete components (diode, transistor and resistor)*
- *OR, AND, NOT, NOR and NAND gates. Quad NAND gates to build all logic gates including XOR gates*
- *LED indicator for output*
- *Built-in power supply*
- *AC230V operated*
- *Patch cards*

Verification of De Morgon's theorem



- *OR, AND, NOT gates.*
- *LED indicator for output*
- *Built-in power supply*
- *AC230V operated*

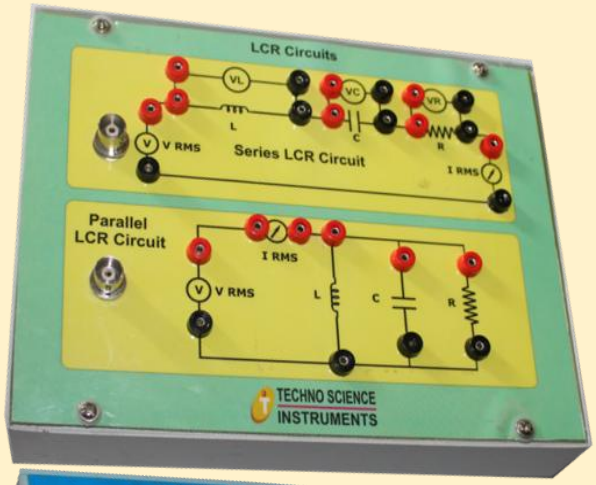
FET Characteristics experiment setup

- *BFW11 Field effect transistor,*
- *two variable dc power supply (0-5V, and 0-20V),*
- *Digital ammeter (0-100mA)*
- *Digital voltmeter (0-20V)*
- *Circuit board with a gate resistor, a drain resistor*
- *AC230V operated*

Solar Cell Characteristics

- *6V 5W Solar cell*
- *Circuit arrangement for measuring cell voltage and current*
- *Variable load resistor*
- *Two digital multimeters*

LCR series and parallel resonance circuit



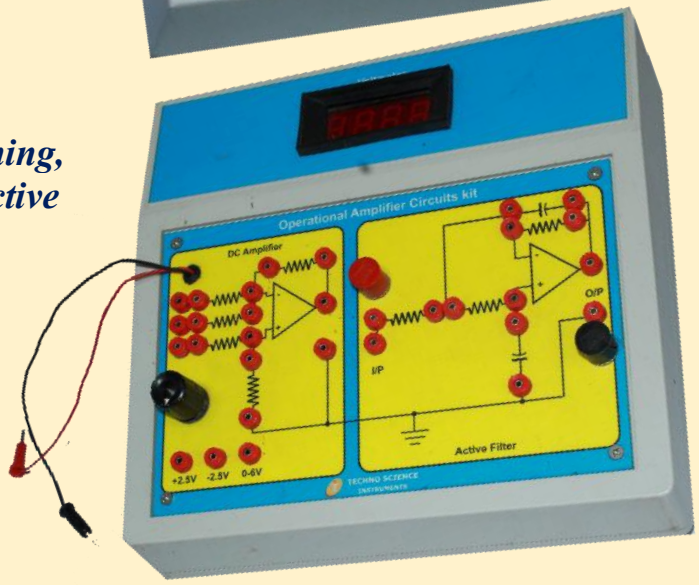
- *Series LCR and parallel LCR circuit arrangement.*
- *BNC input connector for the function generator*
- *Inductor 100mH and Capacitor 10μF*
- *Resistor 1kΩ*
- *AC current measurement through digital multimeter*

CE Amplifier Characteristics expt setup

- *Circuit arrangement of CE amplifier*
- *Built-in sinewave generator*
- *Variable amplitude adjusts*
- *All components required are supplied*

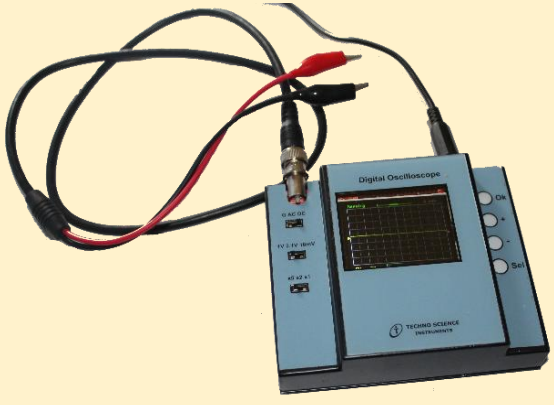
  Built-in digital voltmeter

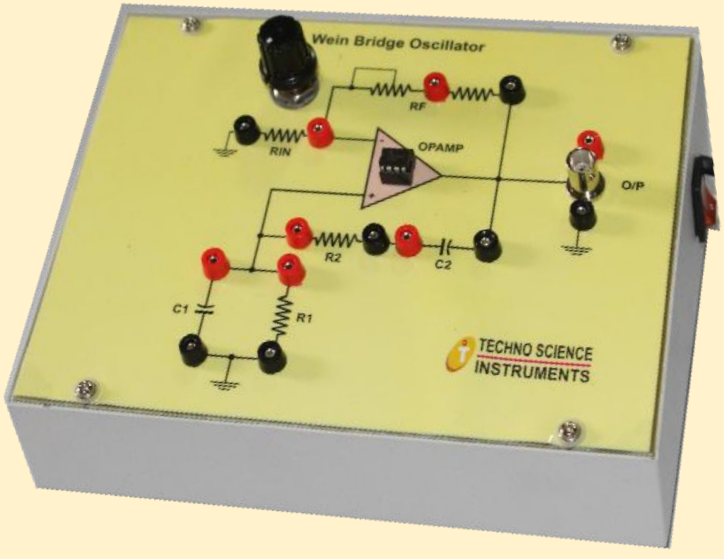
OPAMP experiments Inverting, Non-inverting, Summing, Difference amplifier circuits, Active Filters



- *Circuit arrangement for various linear circuits and active filters.*
- *Built-in digital voltmeter*
- *Adjustable dc power supply*
- *AC230V operated*

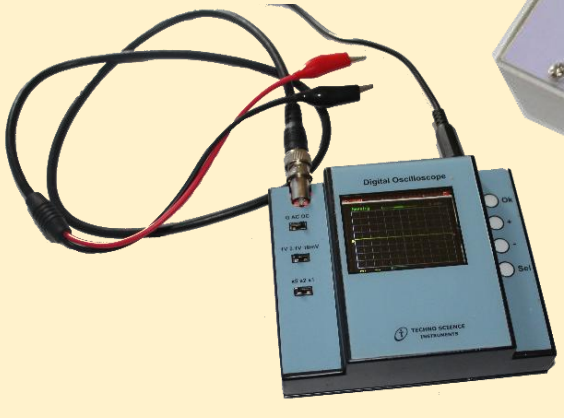
Wein Bridge Oscillator experiment

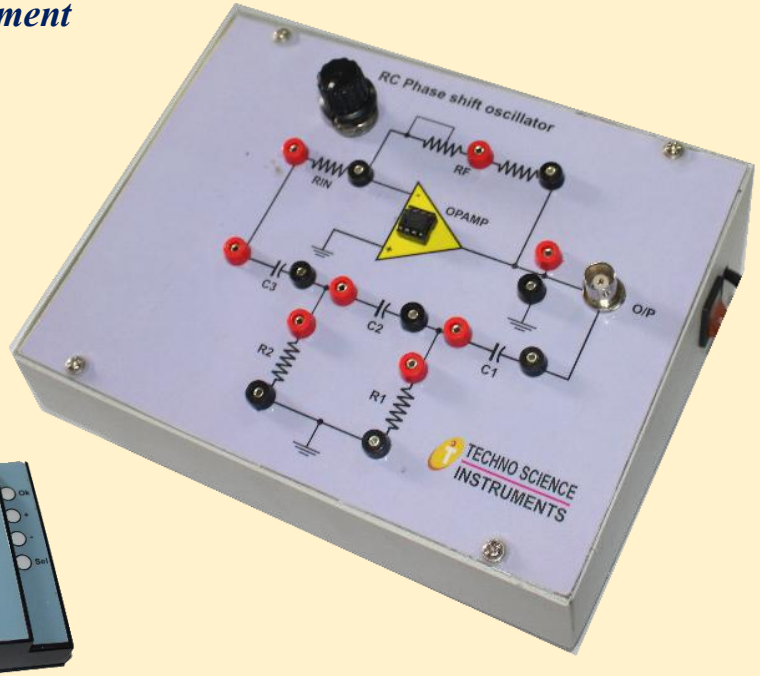




- *Wein bridge circuit arrangement*
- *OPAMP IC base provided*
- *Adjustable resistor*
- *BNC connector for output*
- *AC230V operated*
- *oscilloscope to measure the output*

RC-Phase shift Oscillator experiment



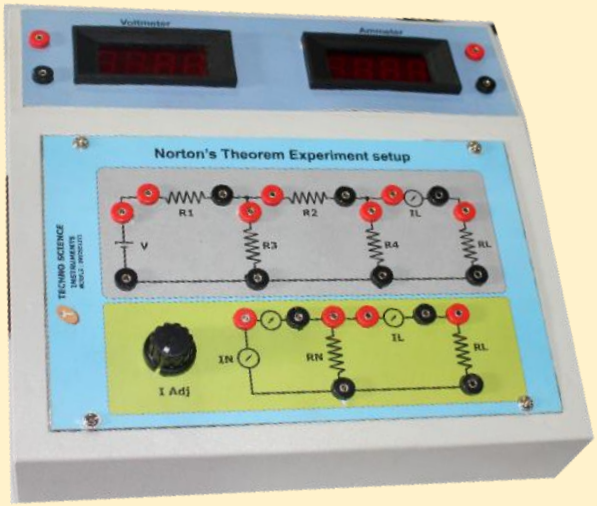


- *RC Phase shift circuit arrangement*
- *OPAMP IC base provided*
- *Adjustable resistor*
- *BNC connector for output*
- *AC230V operated*
- *oscilloscope to measure the output*

Thavenin's Theorem verification

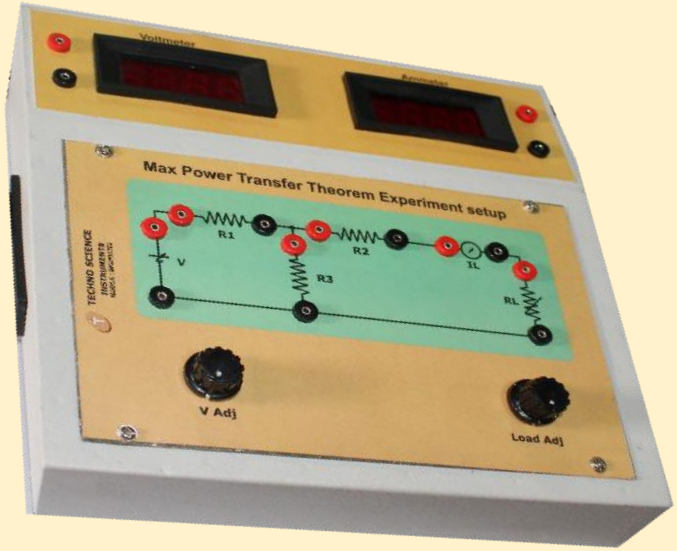
- *Adjustable dc voltage input*
- *Circuit arrangement for Thavenin's Theorem*
- *Built-in digital voltmeter and ammeter*
- *AC230V operated*

Norton's Theorem verification



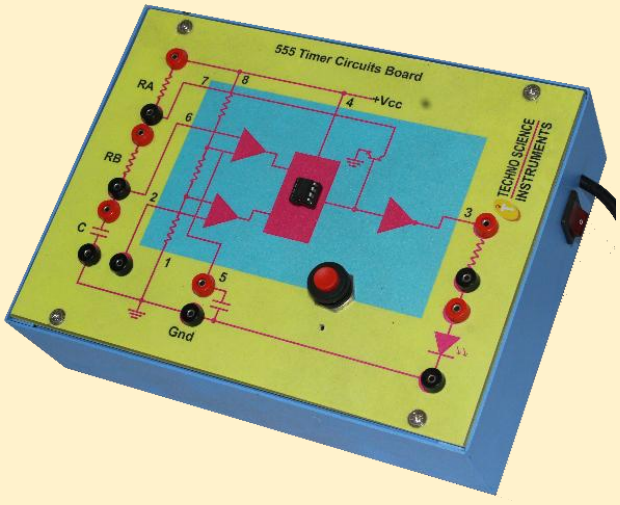
- *Adjustable dc voltage input*
- *Circuit arrangement for Thavenin's Theorem*
- *Built-in digital voltmeter and ammeter*
- *AC230V operated*

Maximum Power Transform theorem



- *Adjustable dc voltage source for source and load*
- *Circuit arrangement to insert resistors and meters*
- *Built-in digital voltmeter and ammeter*
- *AC230V operated*

Astable & monostable multivibrator using 555 Timer IC

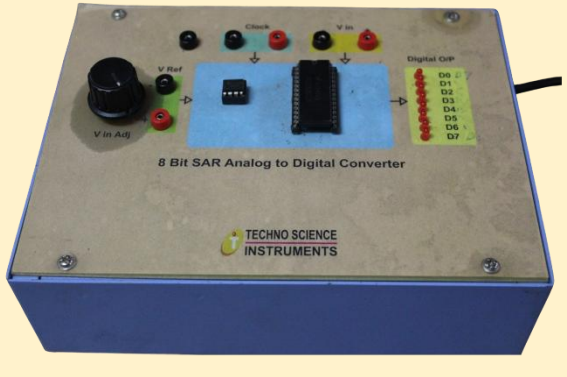


- *Circuit arrangement to carryout astable and MMV*
- *Micro switch for triggering the circuit*
- *LED output*
- *AC230V operated*

4-bit BCD counter with 7 segment Display decoders

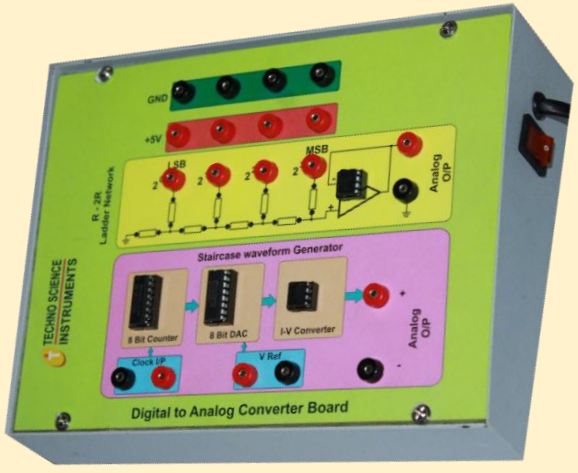
- *IC7490 based BCD counter*
- *IC7447 based BCD to 7 segment display decoders*
- *Independent input / output connection to carryout parallel load, up-count and down-count*
- *AC230V operated*

Analog to Digital Converter kit



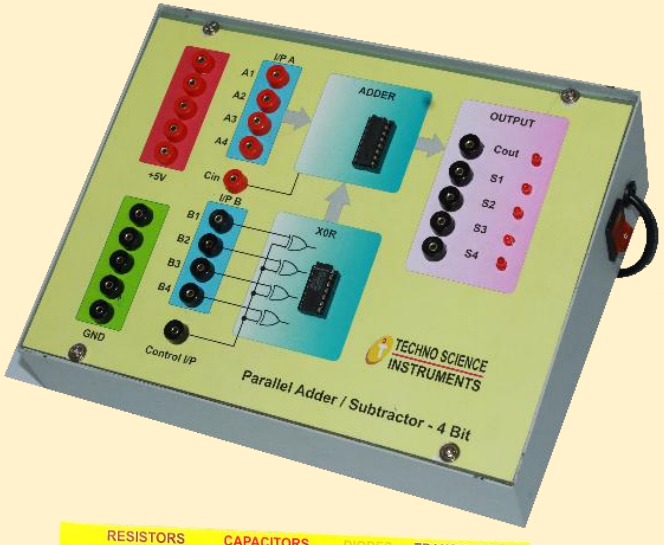
- *8-bit Analog to digital converter IC*
- *Adjustable DC voltage input 0-5V*
- *LED output for all 8 bits*
- *Built-in voltage reference*
- *AC230V operated*

Digital to Analog Converter kit



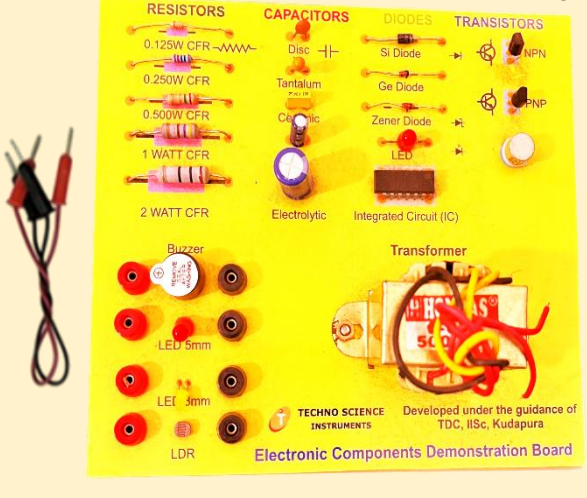
- *4-bit R-2R resistor ladder network*
- *OPAMP circuit to show voltage output*
- *8-bit digital to analog converter IC*
- *Output can be measured on oscilloscope*
- *256 levels of output*
- *Built-in voltage reference*
- *AC230V operated*

4-bit parallel adder subtractor



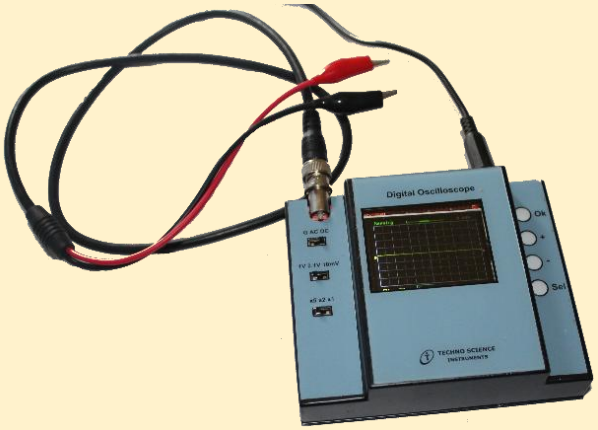
- *4-bit Adder/subtractor IC*
- *Independent 4-bit A and B inputs*
- *LED output for 4-bit O/P with carry*
- *AC230V operated*

Electronics Components Demonstration board



- *Printed Circuit Board (PCB) with soldered components (Transistor, Diode, LED, Resistor, Capacitor, Transformer)*
- *Patch Cords*

Mini-Digital Oscilloscope



- *This instrument is very handy which operates on a 6V dc adaptor.*
- *Another important aspect of this oscilloscope is that the waveform can be locked and made still which helps for taking measurement with ease.*
- *The bandwidth of this oscilloscope is 10MHz and the voltage range is 10V.*

Digital Spectroscopy

- *Constant deviation spectrometer*
- *Digital nanometer display*
- *Hydrogen lamp with power supply*
- *12W LED white light bulb with support*

Specific heat of solids

- *Specific heat of metals*
- *Rectangular blocks (Al, Cu, Fe, Brass, SS)*
- *(15 mm × 15mm × 30mm)*
- *Digital thermometer (LC~ 0.01 ℃)*
- *50 ml beaker*
- *15L water bath*
- *Digital balance 10mg precision **
- **Not included in the price*

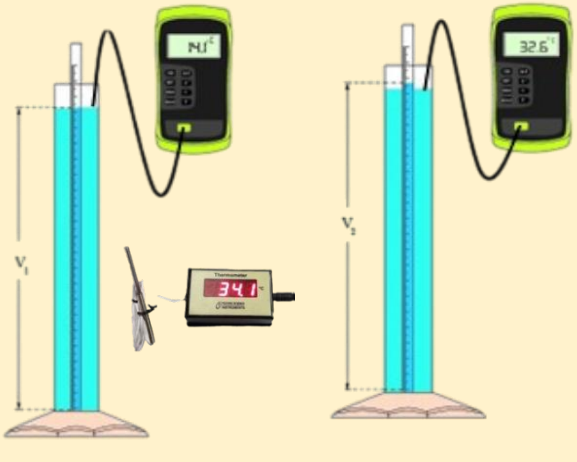
Specific heat of Liquids

- *Built-in 10W electric Heater with power supply*
- *Variable speed magnetic stirrer with magnet*
- *Digital thermometer with Pt100 sensor*
- *Digital timer (adjustable)*
- *2x16 LCD display to measure time, energy and temperature*
- *Directly displays delta T and E*
- *250ml glass beaker with thermally insulated box*
- *230V AC operated*

Linear thermal expansion of metal

- *Digital thermometer with Pt100 sensor*
- *20 sec digital timer*
- *1A power supply*
- *1-meter-long manganin wire with scale*
- *Metal box with stand*
- *Height measuring scale of 15cm*
- *230V AC operated*

Linear Volume expansion



- *Digital thermometer with Pt100 sensor*
- *1 Liter Measuring Jar*
- *Burette 10ml with 0.05ml graduation*

DC Regulated Power Supply

- *2 – 12 V adjustable Voltages*
- *Built-in digital voltmeter*
- *230V AC operated*

Digital multi-meter

-
- *3 ½ digit digital LCD Display*
- *Voltage – Current – Resistance function*
- *Both auto ranging and manual*
- *Supplied with probes*

DC Current Source

- *0-200mA continuously adjustable*
- *9V compliance output*
- *0.1mA resolution*
- *Digital Display*
- *AC230V operated*

Digital Timer Start – Stop type

- *Time count: 0-9999.9 sec*
- *Resolution: 0.1ms*
- *Digital Display*
- *Start-Stop-Reset buttons*
- *Can be used as a stop clock timer*

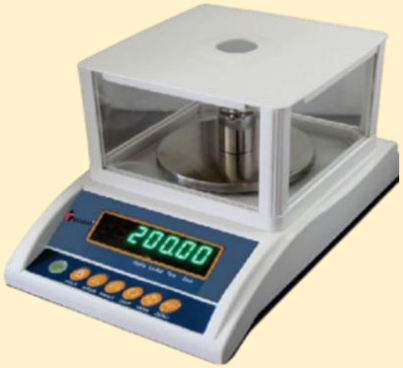
Digital Thermometer

- *Digital Thermometers with both Pt100 and K-Type Thermocouple are available*
- *Range: 0-600˚C (for Pt100); 0-900 ˚C (K-Type)*
- *Resolution: 0.1 ˚C*
- *LED display*
- *Supplied with AC adopter*

Pressure Guage

- *Atmospheric Pressure meter*
- *Press-IN connector for inserting hose for external pressure measurement*
- *Range: Atm-200kPa*
- *Resolution: 0.1kPa*
- *Supplied with AC adopter*

Digital Weighing Balance



- *Wensar make, PGB630, PGB220 etc*
- *Various models are available with weighing capacity 220g to 10kg*
- *Resolution: 10mg to 0.1mg*

Digital / analog Oscilloscope

- *Digital and analog,20 MHz to 100 MHz bandwidth, Dual channel*

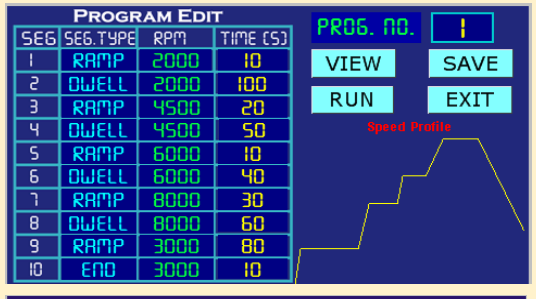
Signal generator

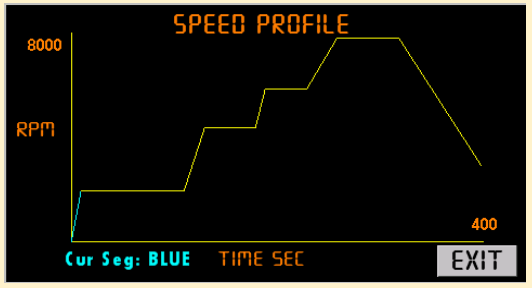
- *Sine, Triangular, Square wave*
- *0-10MHz with Frequency and amplitude adjust*

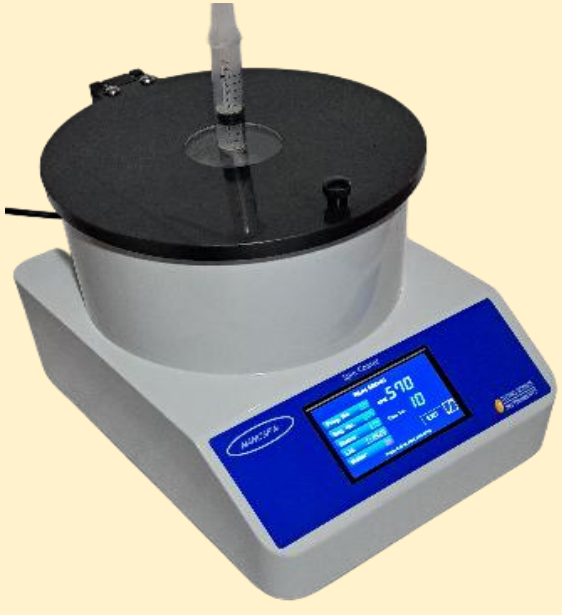
Linear Voltage Regulator Power Supply

- *0-30V adjustable voltage*
- *2A /5A current output*
- *Single / Dual / Three channel models*

Spin Coater (Touch Screen)







Model: Nanospin SC12K-TS

- *Direct Drive Motor.*
- *Digital Signal Processor based PID control of motor speed.*
- *Multi program – multi segment memory.*
- *Large PP bowl.*
- *Nitrogen purge / drain provision.*
- *Colour touch screen for smooth user interface.*

- *Big vacuum chuck to hold smaller to bigger sample.*
- *Real time display of speed, time, motor status, lid status.*
- *Safety feature built in for motor overload and lid open condition.*
- *Spin Speed : 200 -12000*
- *Display : 4.3-inch touch screen*
- *Motor Control: PID Controller*
- *Speed Regulation: <0.2%*
- *Program Memory: 250 programs / 10 seg*
- *Speed Profile: Speed, Duration and Dwell*
- *Ramp Timer: 10 sec to 1200 sec*
- *Dwell Timer: 10 sec to 1200 sec*
- *Disk Diameter: 80 mm*
- *Sample Size: Upto 75mm*
- *Bowl Type & Size: PP bowl 170mm ID*
- *Sample Holder: Polished aluminum disk with Silicone O-Ring / PTFE disk*
- *Sample Mounting: Vacuum holding*
- *Vacuum Connector: 8mm dia Snap-in hose connector*
- *N2 Purge Connector: 6mm dia Snap-in hose connector*
- *Lid: PP Lid Assembly with interlock safety*
- *Dimension (mm): 400(D) 300(W) 250(H)*
- *AC Input / Power: 230V, 40VA*

Segment Type Spin Coater

Display Indications

- RPM: Green 7 segment Display
- Status / Time: Red 7 segment Display
- Spin On : Green LED
- Motor Fault: Red LED
- Lid Close: Green LED
- Lid Fault: Red LED

Model: SC8000

- Spin Speed: 500 RPM to 8000 RPM
- Motor Control: PID Controller function
- Speed Regulation: <0.2%
- Program memory: 8 programs, multi segment looping
- Speed profile: Acceleration, dwell, deceleration
- Ramp Timer: 10 sec to 1200 sec
- Dwell Timer: 60 sec to 1200 sec
- Disk Diameter: 25mm
- Sample size: Max 2 inches diameter
- Bowl size: 7 inches PP Bowl
- Sample holder: Aluminium/PTFE disk with 4mm hole
- Sample mounting: Secured by vacuum holding
- Vacuum connector: 8mm dia Snap-In connector
- Nitrogen Purge: 6mm dia Snap-In connector
- Dimension (mm): 400(D) 300(W) 250(H)
- AC Input: 230V, 40VA

Dip Coater system

- **Weight : 5 kg**
- **Material of construction Base: Stainless steel**
- **Linear guide: Aluminium**
- **Electronics unit: Aluminium**
- **Ac input power : 230V 40vat**

Model DC600-TS

- Completely digital technology
- Micro-stepping movement
- Built-in Safety features
- 40 program memory
- User-friendly Menu operation
- Moving Distance: 150 mm
- Up / Down Velocity : 0.1mm to 600 mm/min
- Dip / Dry Timer : 1 to 18000 sec (5 Hours)
- Number of Cycles : 1 to 999
- No. of Substrates / Size: 1 to 4; 100mm x 100mm Max
- Substrate Holder : 50mm dia; chemical resistant
- Mounting adjustment : 0-25 mm
- Display : 4.3" colour touch screen
- Dimension : Dipping arm :430 (H) 250 (D) 140 (W)
- Control Unit : 140 (H) 250 (D) 180 (W)

Potentiostat-Galvanostat Model PG12110

- *Potentiostat Mode*
- *Applied Potential: ±5.000V*
- *Potential resolution: 1.0mV*
- *Accuracy: ±0.05% of full-scale voltage*
- *Noise and ripple: <0.2mV*
- *Slew rate: 6V/µs*
- *Rise time: 10% to 90% with 10k Load: <8µs*
-
- *Voltage sweep range: 0.1mV/sec to 2000mV/sec*
- *Noise filtering: 0.1ms*
- *Galvanostat mode*
- *Applied current: 50µA – 100mA in 8 ranges*
- *Current resolution: 125nA – 625µA*
- *Output compliance: ±16V*
- *Accuracy: ±0.05% of full scale current*
- *Noise and ripple: <0.2mV rms*
- *Rise time: <8µs*
- *Time per point: 200µs min*
- *Max No. of data points:10000*
- *Noise filtering: 0.1ms*
- *PC Interface: Serial USB 115200 baud, 8 bits data, No parity and 1 stop bit*

Computer Requirements

- *Hardware: IBM PC compatible, Pentium 1.6GHz upwards, 128MB RAM, at least 1MB disk space for the PGstat program, one COM port and other peripherals.*

- *Software: Windows XP or higer operating system*

Power Requirements

- *AC 230V, 30W*
- *250 mA fuse protected*
- *AC line filter for EMI and RFI suppression.*

All kind of Chemicals are available

Other Instruments supplied by Techno Science

Labman Product List		
Sl No.	**Description**	**Model**
1.	UV-VIS Double Beam Spectrophotometer	LMSPUV1900/LMSPUV1900S
2.	UV-VIS Single Beam Spectrophotometer	LMSPUV1200/LMSPUV1000B
3.	Peltier/Sipper System	PS1565
4.	Visible Spectrophotometer	LMSPV325/LMSPV320
5.	Online PH Controller	OPH11
6.	Gradient Thermal Cycler PCR	PCR9602G
7.	Dry Bath Incubator	DBI10/DBI18/DBI20
8.	Refrigerated Circulating Bath	RCB620/RCB1220
9.	Digital Water Bath	LMWB04/LMWB06
10.	Digital Ultrasonic Cleaner	LMUC3/LMUC6/LMUC9/LMUC12/LMUC25
11.	Turbidity Meter	LMTB200
12.	Bio Chemistry Analyser	BCA80
13.	Vortex Mixer	LMVM20
14.	Visual Colorimeter	LMCR80F
15.	Probe Sonicator	PRO650
16.	Ice Flaker	LMIF30/LMIF50/LMIF100
17.	Digital Rotational Viscometer	LMDV60/LMDV100/LMDV200
18.	Automatic Digital Polari meter	ADP45/ADP90
19.	Digital ABBE Refractometer	LMAR1317
20.	Automatic Digital Refractometer	RFM950/RFM970
21.	Ceramic Hot Plate Magnetic Stirrer	LMMS5LC
22.	Hot Plate Magnetic Stirrer	LMMS300
23.	Dissolved Oxygen Meter	LMDO50
24.	PH Meter	LMPH9/LMPH10/LMPH12
25.	PH Meter with Thermal Printer	LMPH15
26.	Conductivity/TDS Meter(3 Point)	LMCM20

Wenser Product List		
1.	Moisture Analyzer	HPB60H/PGB1MB
2.	Analytical Balance-Touch Screen	MAB220T
3.	Semi Micro Analytical Balance	MAB220LCD/MAB250
4.	Analytical Balance	MAB201/MAB301
5.	High Precision Balance	HPB201/HPB501/HPB1001/HPB3000
6.	Precision Balance	PGB211M/PGB200/PGB301/PGB220/PGB321
7.	Density Balance	PGB201D
8.	Precision Gold Balance	PGB600/PGB1000/PGB610/PGB630
9.	Platform Balance	PFB101H
10.	Density Determination Kit	WDK250
11.	Thermal Printer	TP10
Other Product List		
1.	Hot Air Oven	Various models available
2.	autoclave	Various models available
3.	Binocular Microscope	Various models available
4.	Travelling Microscope	Various models available
5.	Muffle Furnace	Various models available
6.	Tubular Furnace	Various models available
7.	IC Trainer KIT	Various models available
8.	Oscilloscopes	Various models available
9.	Spectrum Analysers	Various models available
10.	Signal Generators	Various models available
11.	DC Power supplies	Various models available
12.	Digital Multimeters	Various models available
13.	LCR Meters	Various models available
14.	Digital and Analog Trainer kits	Various models available
15.	Centrifuge	Various models available
16.	Regulated DC power supply	0-30V / Dual / Single / 2A / 5A

Other Research Products		
1.	Potentiostat – Galvanostat	PG11210
2.	Spin Coater	SC8k / SC10K/ SC12KTS
3.	Dip Coater	DC150TS
4.	Four Probe Resistivity measurement setup	FP2050
5.	Hydrogen Uptake System	Customizable
6.	Digital Pressure Gauges	15-115 kPa / 200 kPa
7.	Digital Mass Flow Meters	0-200 sccm
8.	Data Acquisition System	Customizable
9.	Digital Vacuum Gauges	Pirani / Penning gauges
10.	Thermogravimetric Analyser	Customizable

NOTE:

1. Discount will be provided for multiple quantities.
2. GST @18% will be charged extra.
3. Logistics cost can be worked out depending on total weight of the consignment.
4. Manual describing each experiment will be given.
5. Some experiment setup videos are available which can be shared.