Product Selection Guide

Nvis Technologies
Spreading Science & Technology

Instruments

Decade Boxes

- NV702 Decade Resistance Box 1Ω to 1.1M Ω
- NV704 Decade Resistance Box 1Ω to 10MΩ
- NV703 Decade Resistance Box .1Ω to 1.1MΩ
- NV705 Decade Resistance Box .1Ω to 100MΩ
- NV706 Decade Resistance Box 1 Ω to 1.1M Ω
- NV707 Decade Capacitance Box 100pF to 15μF
- NV709 Decade Capacitance Box 10pF to 1500μF
- NV708 Decade Capacitance Box 10pF to 15μF
- NV710 Decade Capacitance Box 100pF to 1500μF
- NV711 Decade Capacitance Box 10pF to 150μF
- NV712 Decade Inductance Box 1μH to 1H
- NV714 Decade Inductance Box 1μH to 100mH
- NV713 Decade Inductance Box 1mH to 1H
- NV715 Decade Inductance Box 1μH to 1mH
- NV716 Decade Inductance Box 1μH to 10mH

Cryogenic

- NV601 Single Channel Temperature Indicator (Platinum Senor PT100)
- NV603 Eight Channel Temperature Indicator (Sensor PT100)
- NV602 Single Channel Temperature Indicator (Diode Sensor DT470)
- NV604 Eight Channel Temperature Indicator (Diode Sensor DT470)
- NV607 Temperature Indicator

NV105 Microwave Power Meter

NV621 Gauss & Tesla Meter

Physics

- NV651 Incandesant Lamp
- NV652 Mercury Light Source
- NV653 Sodium Light Source
- NV654 Laser Light Source

Light Sources

- NV656 Spectrometer Setup
- NV6000 Electricity Lab
- NV6002 Electrostatic Lab
- NV6004 Magnetism Lab
- NV6005 Solar Energy Trainer
- NV6006 Optics Bench
- NV6008 Wind Energy Trainer
- NV6022 Viscosity Measurement Apparatus
- NV6023 Malus Law Setup
- NV6025 Planck's Constant Trainer
- NV6026 Moment of Inertia Setup
- NV6028 Fresnal Biprism Setup
- NV6029 Nodal Slide Assembly Setup
- NV6030 Carey Foster Bridge Setup
- NV6031 Stefan's Law Trainer
- NV6032 Calibration of Voltmeter & Ammeter using Potentiometer
- NV6033 Current Carrying Coil Setup
- NV6101 Hall Effect Trainer
  - NV621 Gauss & Tesla Meter
  - NV622 Measurement Unit
  - NV623 Constant Current Power Supply
- NV6102 Susceptiblity of Paramagnetic Solution
- NV6103 e/m Measurement Setup
- NV6104 Newton's Ring Apparatus
- NV6105 Resistivity and Band-Gap Measurement
- NV6106 Semiconductor Energy Band Gap Measurement Trainer
- NV6107 Ballistic Galvanometer
- NV6108 Hysteresis Loop Tracer
- NV6021 Half Shade Polarimeter

Microwave Technology

- NV9000 Microwave Test Bench (Klystron based)
- NV9002A Microwave Test Bench (Klystron/Gunn based)
- NV9005 Microwave Test Bench (Gunn based)
- NV9001 Microwave Test Bench (Gunn based)
- NV9003 Microwave Test Bench (Gunn based)
- Microwave Components
- NV9002 Microwave Test Bench (Klystron/Gun based)
- NV9004 Microwave Test Bench (Klystron/Gun based)

Microwave Test Bench Series

- NV9008 Advanced MIC Trainer
- NV10 RF Amplifier

Embedded Systems

- NV5000 Microcontroller Trainer
- NV5001 Microcontroller Development Board
- NV5002 PIC Microcontroller Development Board
- NV5003 AVR Development Board
- NV5004 ARM 7 Development Board

Interfacing Module

- MC01 I/P Interface Board
- MC02 ADC/DAC Module
- MC03 Computer Interface Module
- MC04 Display Module
- MC05 Motor Drive Module
- MC06 Elevator Control
- MC07 TTL/O Interface Module

Electrical Engineering

- NV725 DC Supply
- NV726 DC / AC Load
- NV6509 Network Therorems Trianer - I
- NV6510 Network Therorems Trianer - II
- NV7000 Electrical Safety Demonstrator
- NV7001 Three Phase Lab including 3 Phase Low Voltage Power Supply
  - EB01 3 Phase Supply Configuration Module
  - EB02 3 Phase Rectifier Module
- NV7004 Single Phase Transformer Lab
- NV7005 Power Measurement by Two Watt Meter Method
- NV7006 Three Phase Induction Motor Trainer
- NV7007 DC Machine Lab -1
- NV7008 DC Machine Lab-2 (DC Motor)
- NV7009 RLC Resonance Trainer
- NV7025 Single Phase Energy Meter Trainer

Training Products

Basic Science

Basic Electronics

- NV6501 Diode Characteristics Trainer
- NV6506 Wein Bridge Oscillator Trainer
- NV6551 Logic Gates Trainer
- NV6502 Transistor Characteristics Trainer
- NV6507 Multi-Vibrator Trainer
- NV6552 Universal Gates Trainer
- NV6503 Rectifier Trainer
- NV6508 Zener Voltage Regulator Trainer
- NV6553 De-Morgan's Theorem Trainer
- NV6504 Active Filter Trainer
- NV6511 Clipper & Clamper Trainer
- NV6554 Adder & Substractors Trainer
- NV6556 Multiplexer & Demultiplexer Trainer
- NV6505 Hartley & Colpitt Oscillator Trainer
- NV6512 FET Characteristics Trainer
- NV6555 Flip-Flop Trainer
- NV6557 Encoder & Decoder Trainer

Instrumentation & Mechatronics

- NV3020 Pneumatic Trainer

Engineering & Vocational

- NV6001 Inverter Trainer
- NV7002 SMPS Trainer
- NV6003 Power Supply Trainer
- NV7003 UPS Trainer
- NV7101 Function Generator Trainer

Technology Training System

- NV2000 Wave & Propogation Trainer
- NV4001 Barcode Technology Trainer
- NV2001 Radar Trainer
- NV4002 ATM Demonstrator
- NV4000 RFID Trainer
- NV4003 Bluetooth Technology Trainer

Nanotechnology

- NV4500 Introductory Nano Kit
- NV4501 Nano Ti02 Solar Cell Kit
- NV4502 Ferro Fluid Demonstrator

Control System

- NV3000 Control System Lab
- NV3002 Mini Process Control Demonstrator

Software

- PCB Wizard 3
- Control Studio 2
- Nanotechnology
- Bright Spark
- Livewire
- Physics
- Microwave

Symbols

- Application Software supplied along with Training system
- Simulation Software supplied along with Training system
- Application modules used in combination only

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