

# Industrial and Laboratory Test Benches

scientific®



## Industrial applications

- Electrical : Wires , Cables, Bus bar, electrical panel fabrication
- Electro-mechanical : Pneumatic valve, inductive proximate switches etc.
- Components : AC capacitors
- Motors : Manufacturing and service industries
- Service - Repairs Centers of UPS / Invertors etc.
- Electronics Manufacturing Services

## Laboratory applications

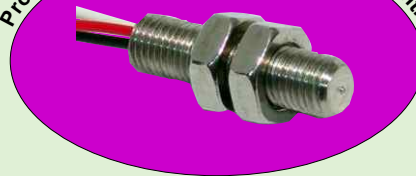
- Educational lab experiments from analog to advance
- Calibration laboratories

\* Test bench shown above is specific to User's requirement.Design and layout subject to change.

# Industrial Test Benches

- Customization
- Flexibility of configuration
- Support for all the instruments configured

Proximity switches testing and development..



Electrical Panel designing , testing ...



Research & Development Labs ...



Pneumatic valve , process machines ...



Electronic Manufacturing Services (EMS) ...



Component development , testing ...



Motor design development ...



UPS , Invertors service industries ...



Configuration to choose from ,

- Oscilloscopes : 20 MHz general purpose to 4 GS/s Digital Oscilloscopes
- Digital Multimeters : 3 ½ to 6 ½ Digit system multimeters
- Power Supplies : 30V / 3A general purpose to 4 channel Programmable power supplies
- Function Generators : 2 MHz to 120 MHz Synthesized function generators
- Spectrum Analyzers : 1 GHz to 3 GHz with tracking generators
- LCR Meters : General purpose to programmable test frequencies 100 Hz to 200 kHz
- Software for various instruments for data logging and analysis....

# Laboratory Test Benches



## Basic Electronics Work Station 1

- 30 MHz Analog Oscilloscope with delay facility
- 3 MHz Function Generator
- 30V - 3A Purpose Power Supply
- 4½ Bench top Multimeter
- Soldering station

## Basic Electronics Work Station 2

- 30 MHz Analog Oscilloscope
- 3 MHz Function Generator with frequency counter
- 30V - 3A General Purpose Power Supply
- 4½ Bench top Multimeter
- Soldering station

## Advance Instrumentation Work Station

- 30 MHz Analog Digital Oscilloscope
- 3 MHz Function Generator Counter and PC interface
- 30V - 3A Programmable Power Supply
- Programmable 4½ Bench top Multimeter
- Soldering station

## Communication Work Station

- 50 MHz Mixed Signal Oscilloscope
- Arbitrary Function generator
- Programmable Power Supply
- 4 ½ Digit Multimeter
- Soldering station

## Advance Communication Work Station

- 4 ch. Oscilloscope
- Arbitrary Function Generator
- Programmable Power Supply
- Programmable LCR Meter
- Programmable 4 ½ Digit Multimeter
- Soldering station

## Power Electronics Work Station

- 30 MHz Power scope
- 3 MHz Function Generator
- AC - DC Power Supply
- Power Meter
- AC variable source
- Soldering station



## Bio- Medical Work Station

- 30 MHz Analog Digital Oscilloscope
- Arbitrary Function Generator
- 30V-3 A Dual Power Supply
- 4 ½ Digit Multimeter,
- Soldering - Desoldering station

## RF Work Station

- 1 GHz Spectrum Analyzer
- VSWR Bridge
- 1 GHz RF Synthesizer
- 6 ½ Digit Multimeter
- Programmable Power Supply
- Soldering - Desoldering station

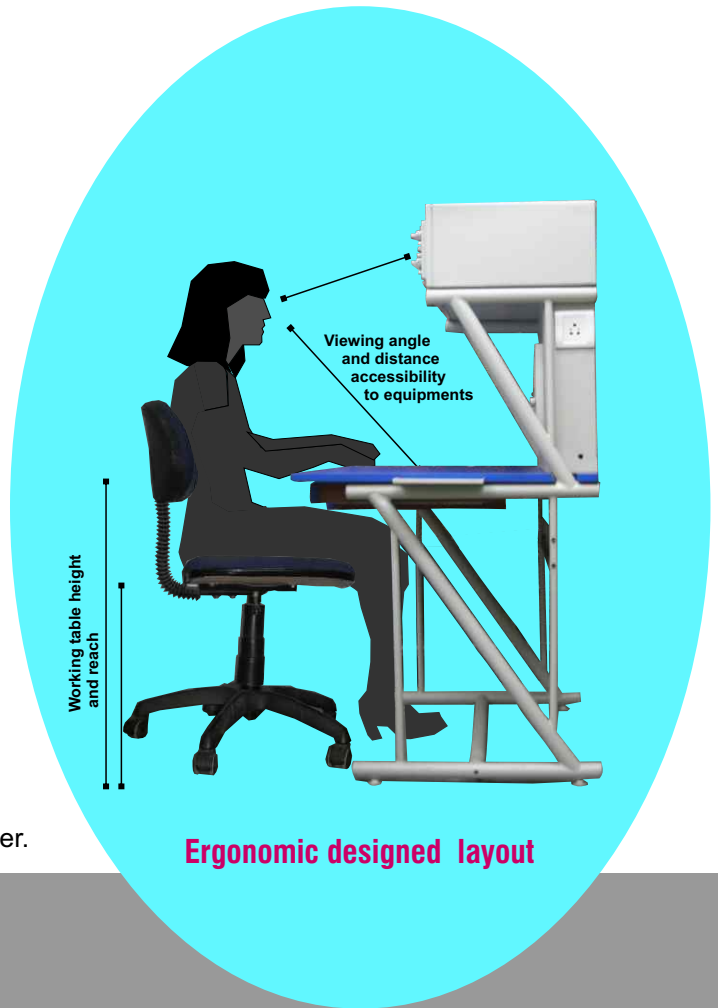
## Micro Wave Work Station

- 3 GHz Spectrum Analyzer
- VSWR Bridge
- 1 GHz RF Synthesizer
- 6 ½ Digit Multimeter
- Arbitrary Programmable Power Supply
- Soldering - Desoldering station

\* Test benches shown above are specific to User's requirement. Design and layout subject to change.

# Industrial and Laboratory Test Benches

These simple economic user friendly test benches are designed in line with ergonomic requirement to suit laboratory and industrial uses . Test benches are offered in various standard and custom specific configuration. Designed to give safety to the operation of equipments and user. Optimized table work area with provision for drawer and writing pad gives better layout arrangements in technical laboratories.



For more information please contact Scientific or nearest dealer.

**Ergonomic designed layout**

## scientific®

**SCIENTIFIC MES-TECHNIK PVT. LTD.**

B-14, Pologround, Industrial Estate, Indore 452 015, INDIA

☎ 0731-2422330/31/32/33 📠 0731-2422334, 2561641 ✉ info@scientificindia.com

Allahabad (0532) 2260833

✉ allahabad@scientificindia.com

Bengaluru (080) 23437635, 2331478

✉ banglore@scientificindia.com

Chennai (044) 24424598, 42054180

✉ chennai@scientificindia.com

Hyderabad (040) 27534995, 27534996

✉ hyderabad@scientificindia.com

Kolkata (033) 22282223-6

✉ kolkata@scientificindia.com

Mumbai (022) 24333654, 24211171

✉ mumbai@scientificindia.com

New Delhi (011) 65638100, 65638101

✉ ndelhi@scientificindia.com

Pune

(020) 26114688, 26132882

✉ pune@scientificindia.com

[www.scientificindia.com](http://www.scientificindia.com)