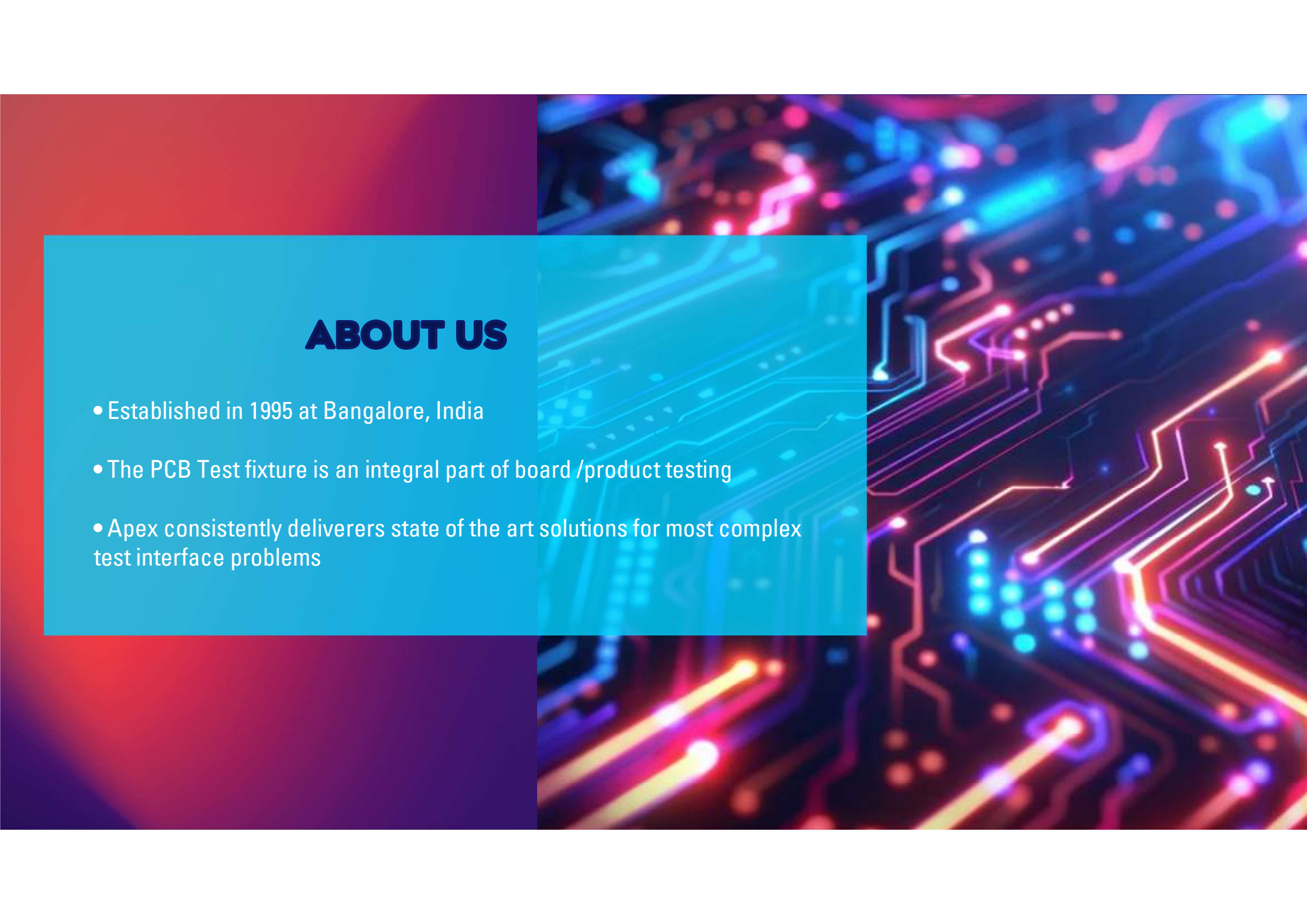


APEX TEST TECHNOLOGIES PVT. LTD.

QUALITY PCB TESTING, MADE AFFORDABLE

30+ YEARS
APEX®
Quality PCB testing, made affordable



ABOUT US

- Established in 1995 at Bangalore, India
- The PCB Test fixture is an integral part of board /product testing
- Apex consistently delivers state of the art solutions for most complex test interface problems

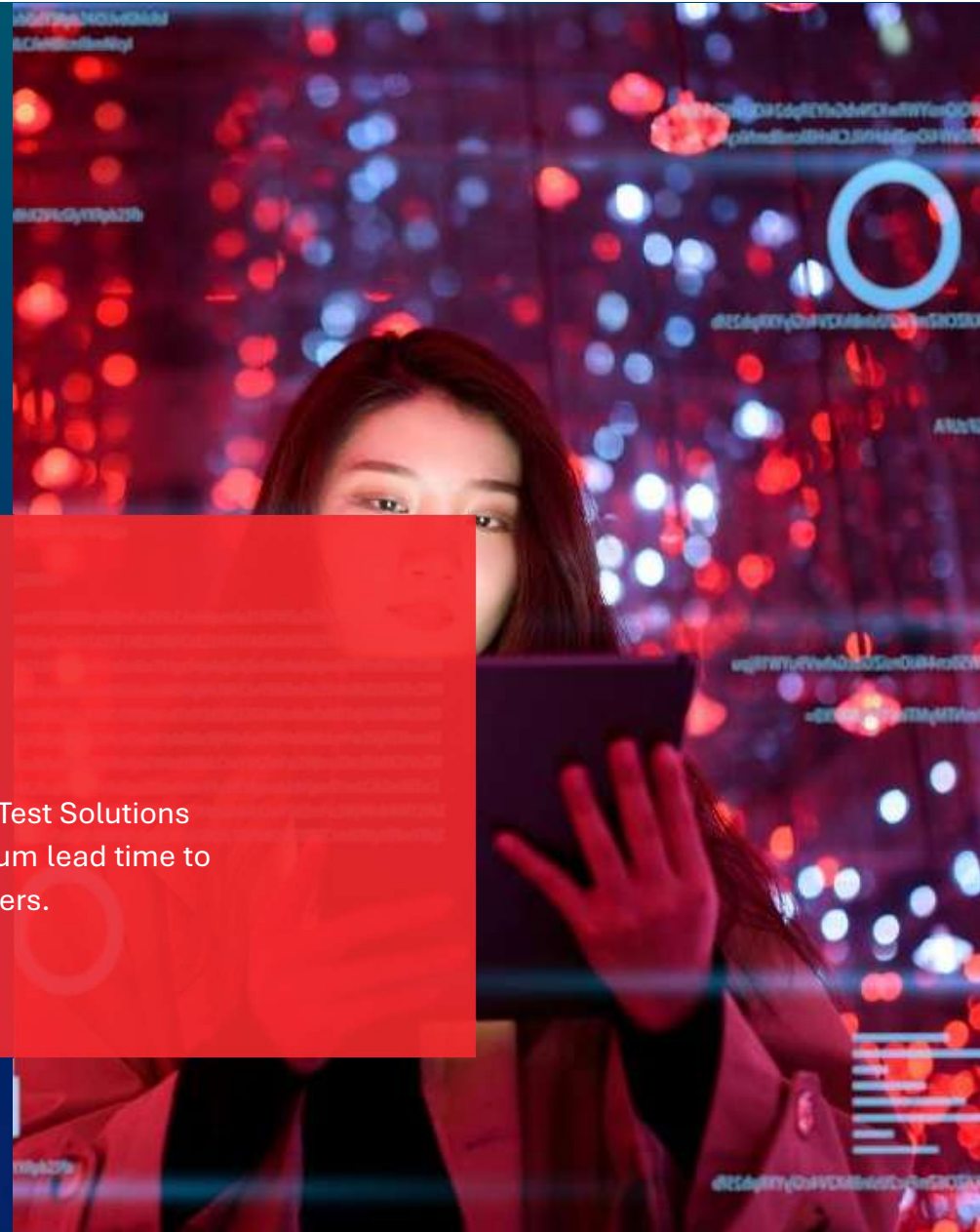


VISION

To serve every corner of the electronic/manufacturing industries by providing excellent customized test solutions.

MISSION

Providing best quality Fixtures and Test Solutions suitable for any budget with minimum lead time to increase the profitability of customers.





OUR FEATURES

CERTIFICATION

An ISO 9001:2015 certified company & rated by Dun & Bradstreet Information Services

IDEA

Fresh approach / concept for every complex needs to enhance productivity with customized solution

SCHEDULE

Best quality, On dot Delivery & committed service support

APPROVAL

25 Years of continuous association with many PSU, MNC, EMS companies

TEAM

Dedicated team of well experienced Engineers, Programmers and Technicians

LOCATION

Located at Bangalore city well connected by Air traffic for both domestic & international shipments with same day clearance

PRODUCTS & SERVICES

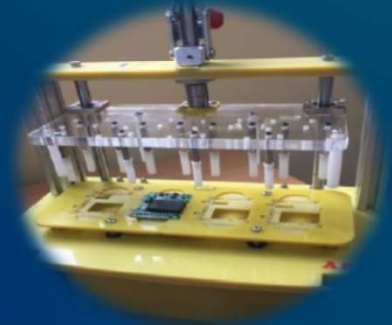


In-Circuit
Test (ICT)
fixtures

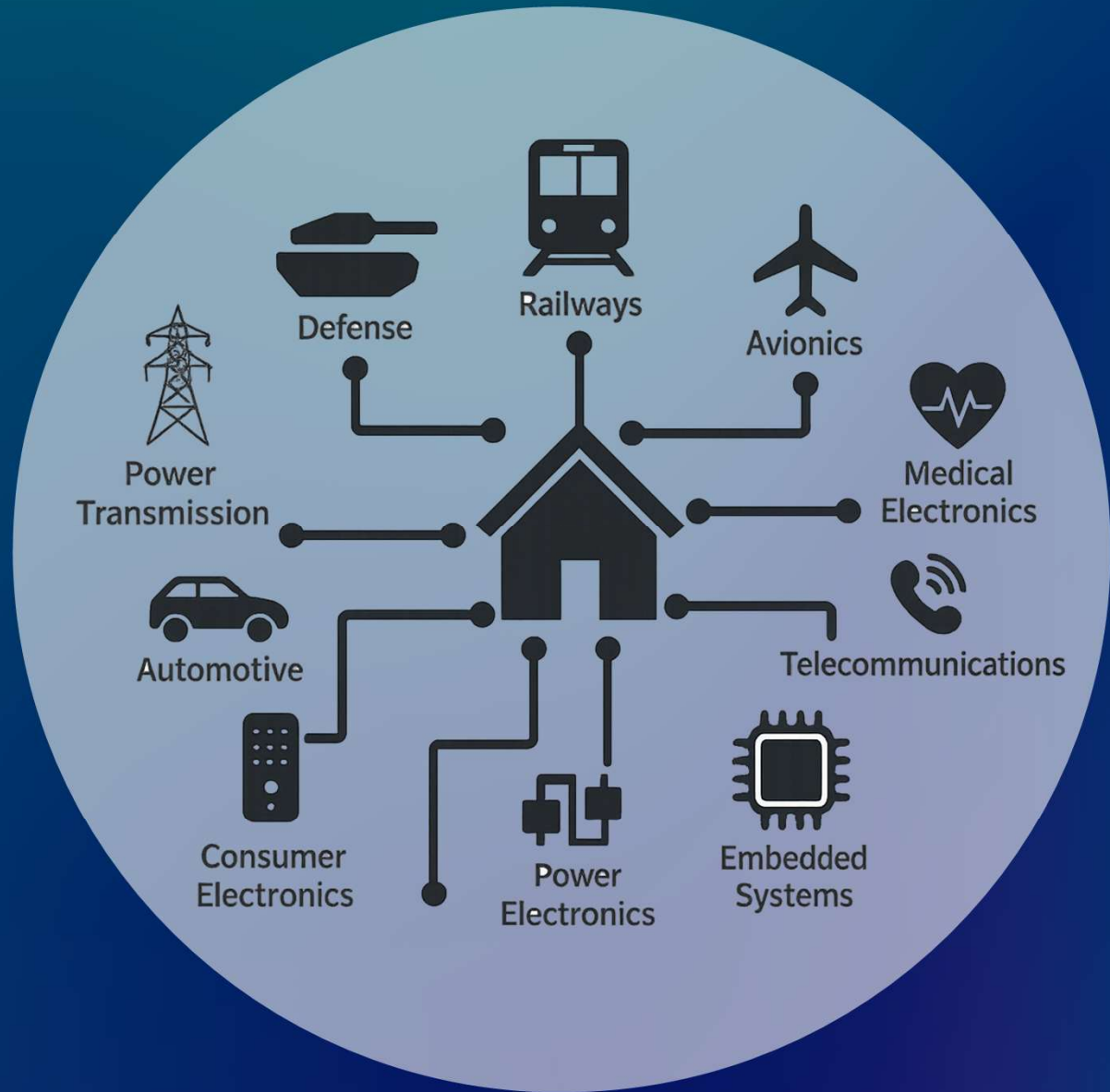
Turnkey
solution /
Industrial
Automation

Existing
system
Customization

Functional
Test fixtures



INDUSTRY SEGMENTS SERVED UNDER ONE ROOF



TURNKEY- FROM TEST HARDWARE DESIGN TO TEST SOFTWARE

ATE – AUTOMOTIVE PCBA

- Fully automated bed of nail test fixture
- Pneumatic CAM operation
- Resistance, Voltage and current measurement
- Automated programming of PIC microcontroller

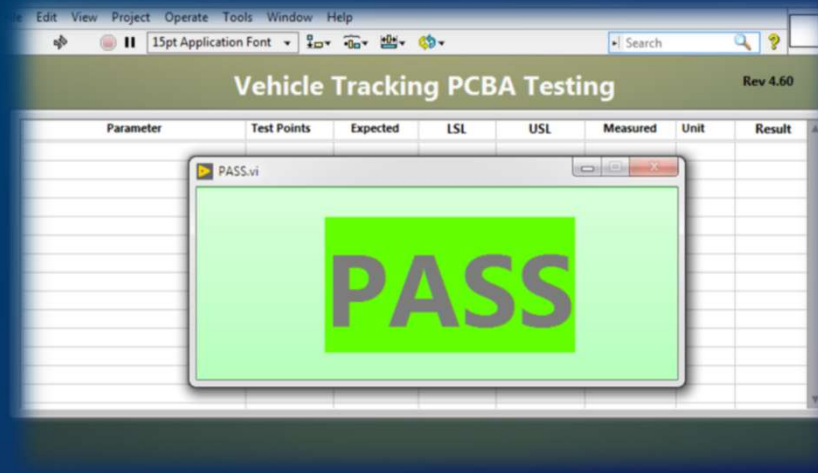
Vehicle Tracking PCBA Testing

SI No : WVE00003847
Tested By : 613625
Test date : 13-Sep-20 Time: 3:32 PM
LV Rev 4.2

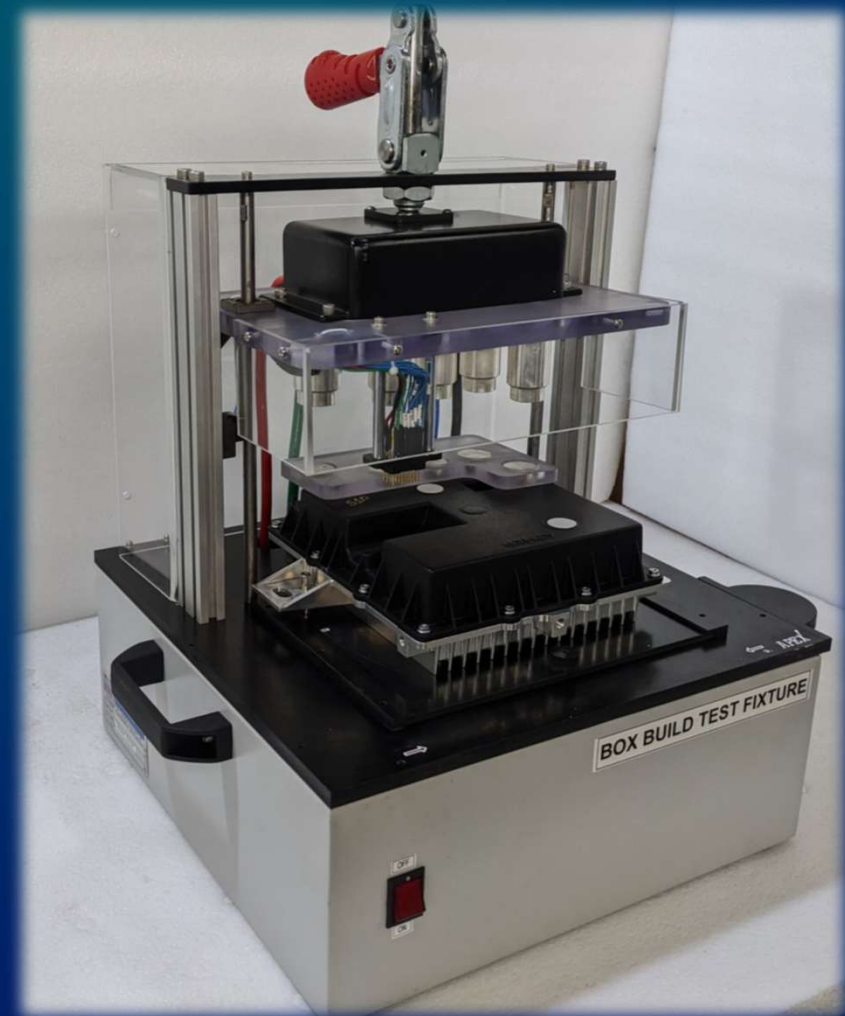
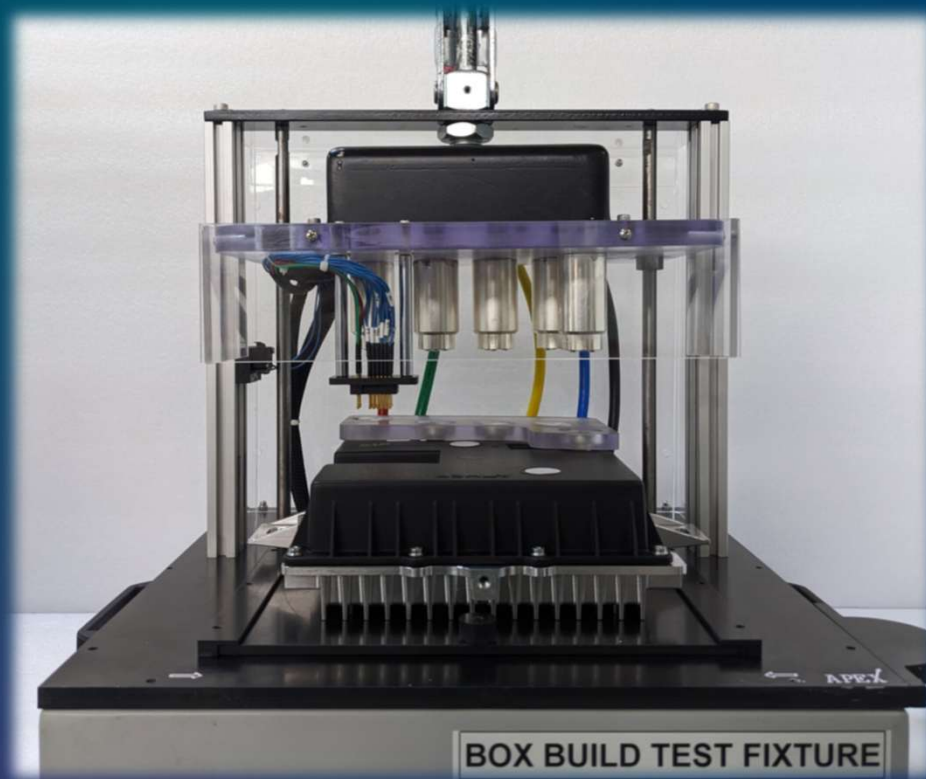
Result : PASS

SL Nos.	Item	Test Point	Expected	LSL	USL	Measured	Unit	Result
1	TP1 Impedance	TP 1 to RTN	9000000	1000	10000000000	366011.4	Ohms	PASS
2	TP2 Impedance	TP 2 to RTN	900	100	10000000000	233.7	Ohms	PASS
3	TP3 Impedance	TP 3 to RTN	250000	1000	10000000000	318503.2	Ohms	PASS
4	TP4 Impedance	TP 4 to RTN	500000	1000	10000000000	530375.5	Ohms	PASS
5	TP5 Impedance	TP 5 to RTN	550000	1000	10000000000	566785.7	Ohms	PASS
6	TP11 Impedance	TP 11 to RTN	700	100	10000000000	768.2	Ohms	PASS
7	24V Input	UUT Input Voltage	24	23.5	24.5	24	V	PASS
8	TP1 Voltage	TP 1 to RTN	4.4	4.3	4.5	4.4	V	PASS
9	TP2 Voltage	TP 2 to RTN	1.8	1.7	1.9	1.8	V	PASS
10	TP4 Voltage	TP 4 to RTN	24	23	25	23.7	V	PASS
11	TP5 Voltage	TP 5 to RTN	5.1	5.1	5.3	5.2	V	PASS
12	TP11 Voltage	TP 11 to RTN	3.295	3.2	3.4	3.3	V	PASS
13	Current	Along Power Line	0.02	0.01	0.04	0.02	A	PASS
14	Flashing		PASS			PASS		PASS

Connecting to MPLAB PICkit 3...
Currently loaded firmware on PICkit 3
Firmware Suite Version.....01.55.01
Firmware type.....PIC32MZ
Target voltage detected
Target device PIC32MZ0512EFK100 found.
WVE00003847 091320153230 PA



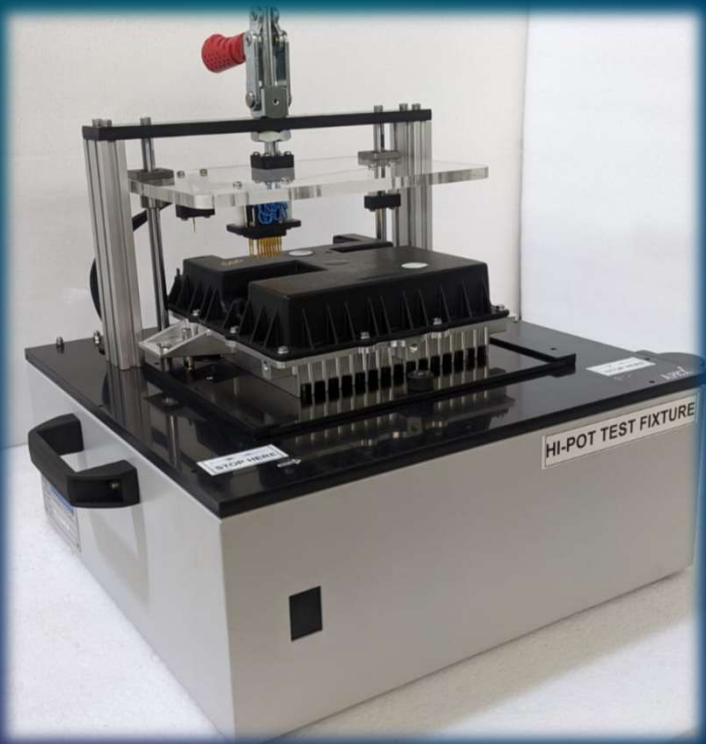
HIGH CURRENT PROBES FIXTURE

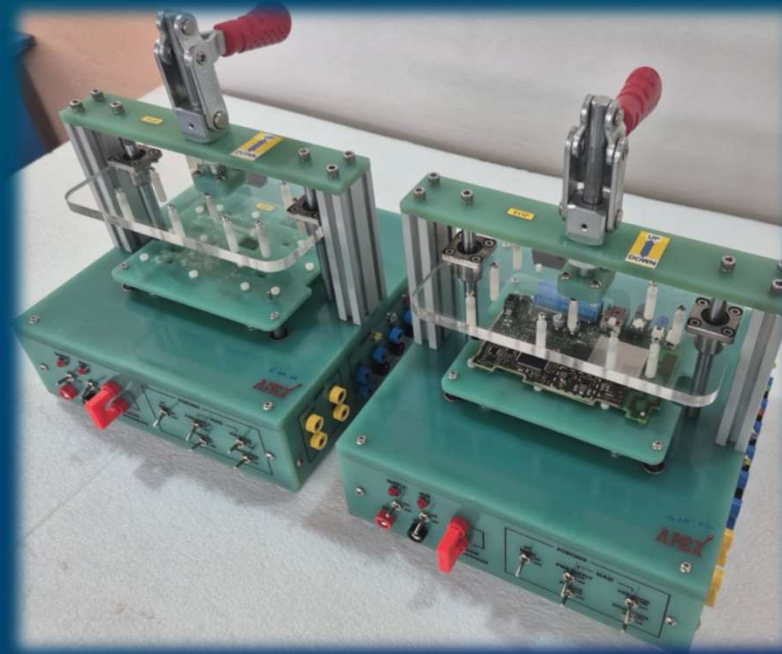


STAND ALONE TEST FIXTURE



MODULE TEST FIXTURES





PROTO TEST FIXTURES FOR
Valeo



ATE - TURNKEY SOLUTIONS



ATE – SAFETY RELAY



ATE SETUP – GRID MATRIX BOARD





UNIVERSAL FLASHER TEST SETUP

for





REMOTE RADIO HEAD (RRH FIXTURE)

Project for



TEJAS
NETWORKS

We successfully collaborated with Tejas Networks to develop a customized test fixture for their 4G rollout within a short span. Our fixtures have been deployed across various leading contract manufacturing sites such as Foxconn, Iljin, and Optimus Electronics, enabling smooth and large-scale production for nationwide implementation.



Project for
TEJAS
NETWORKS

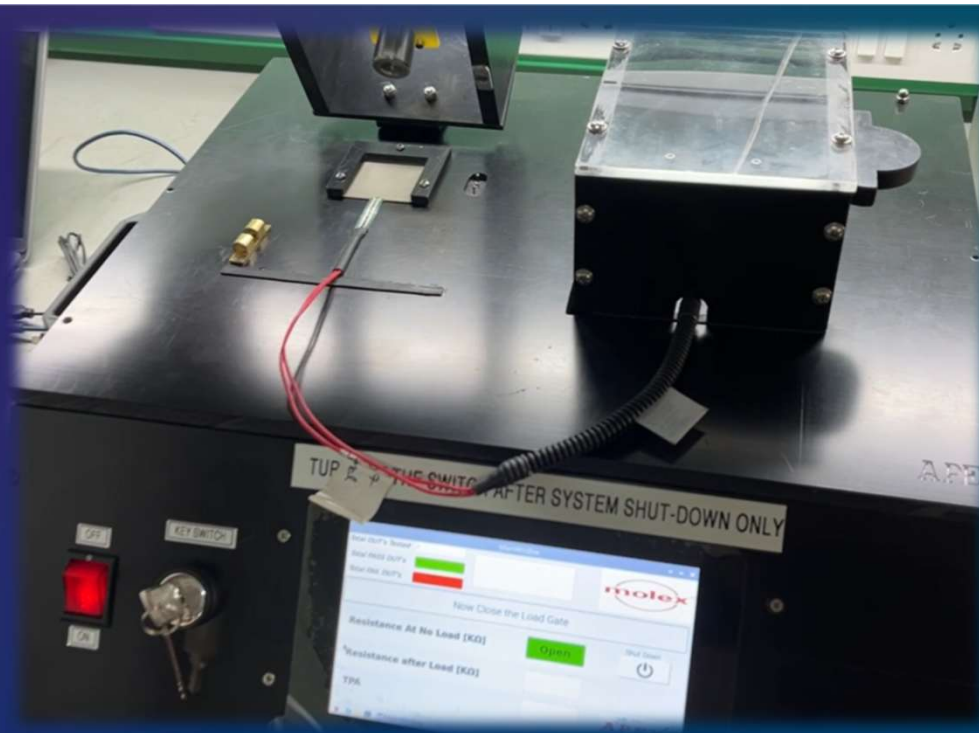




EV BATTERY PACK TEST FIXTURE

Project for

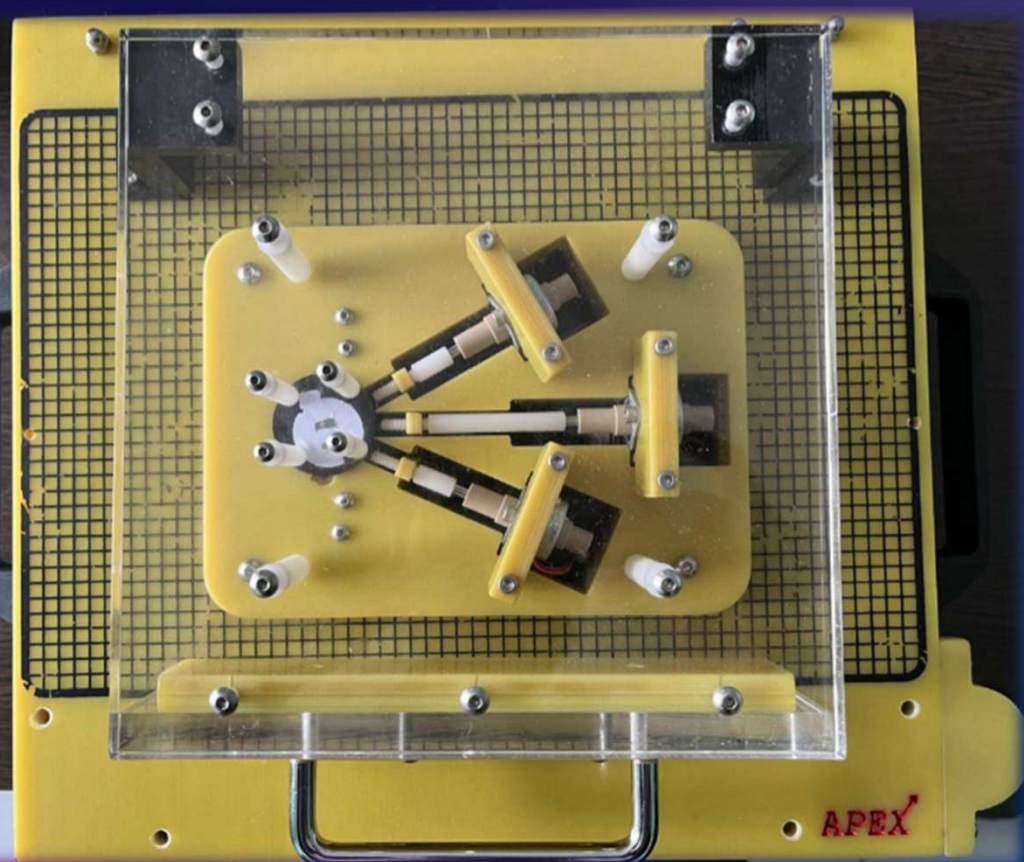
 **éxponent**



STAND ALONE TEST FIXTURE

Project for

molex



ANALOG SMART WATCH TESTER

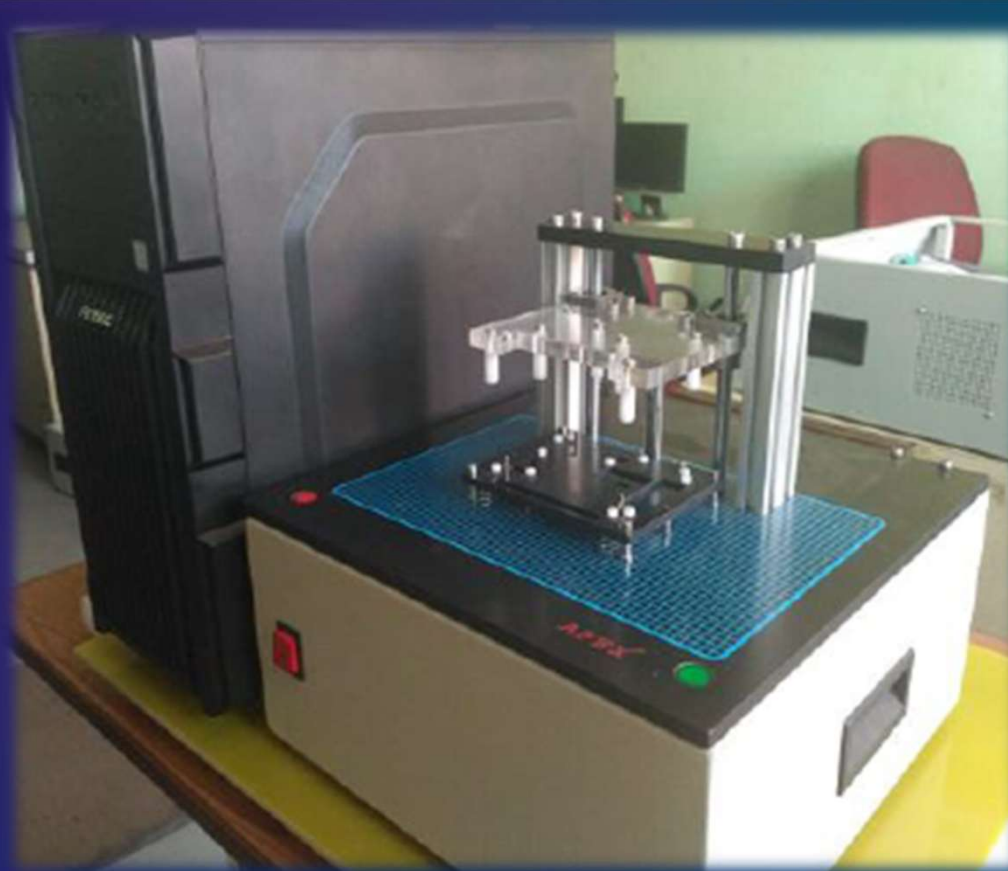
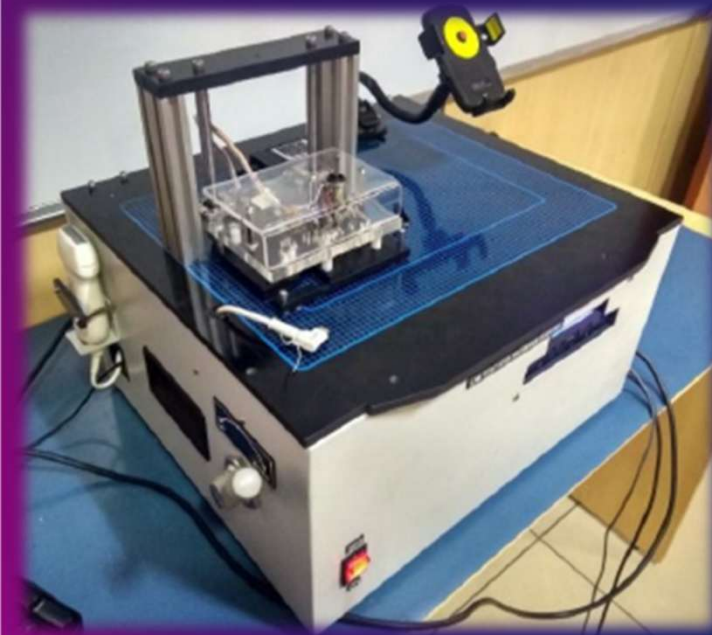
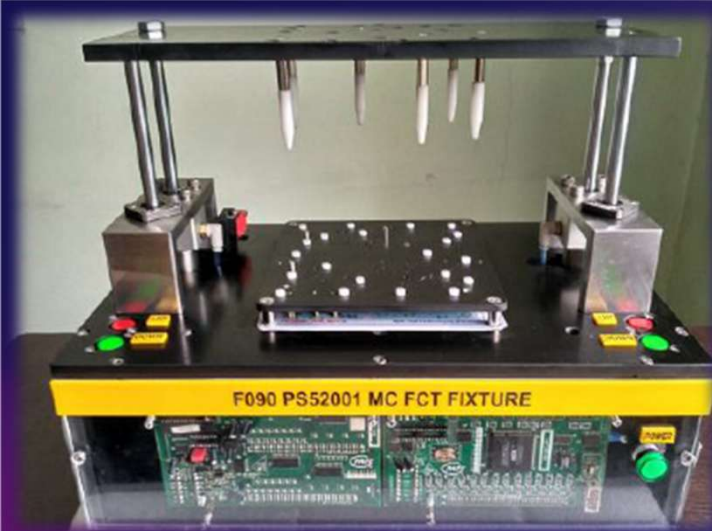
Project for
CONSUMEX



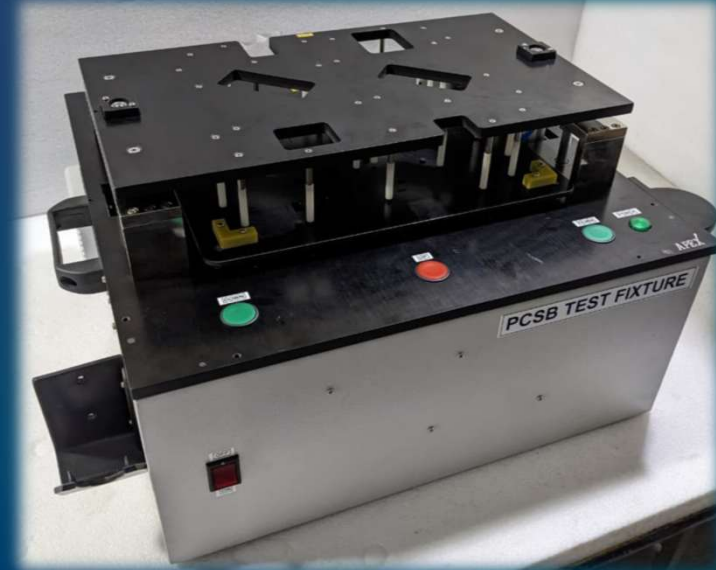
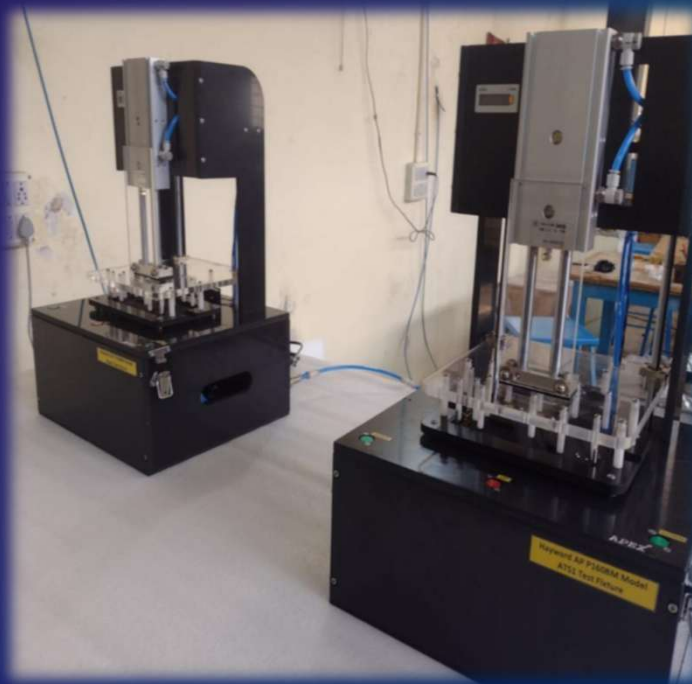
TURNKEY- RF TEST FIXTURE SOLUTION

Project for

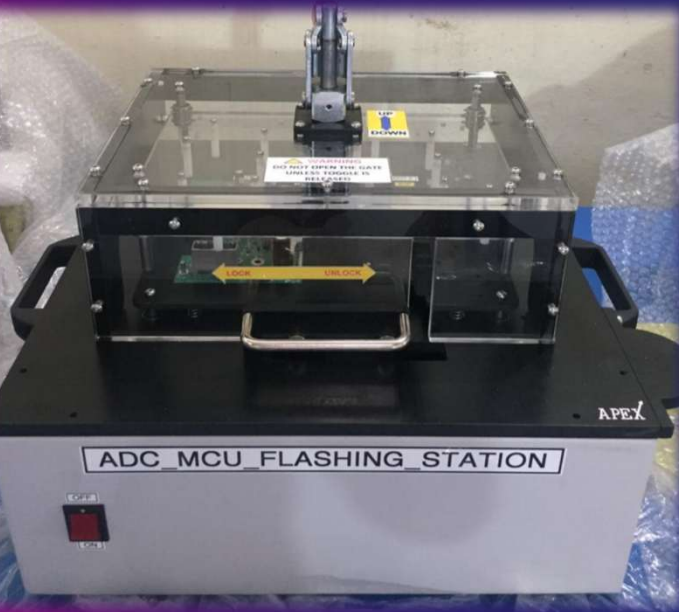
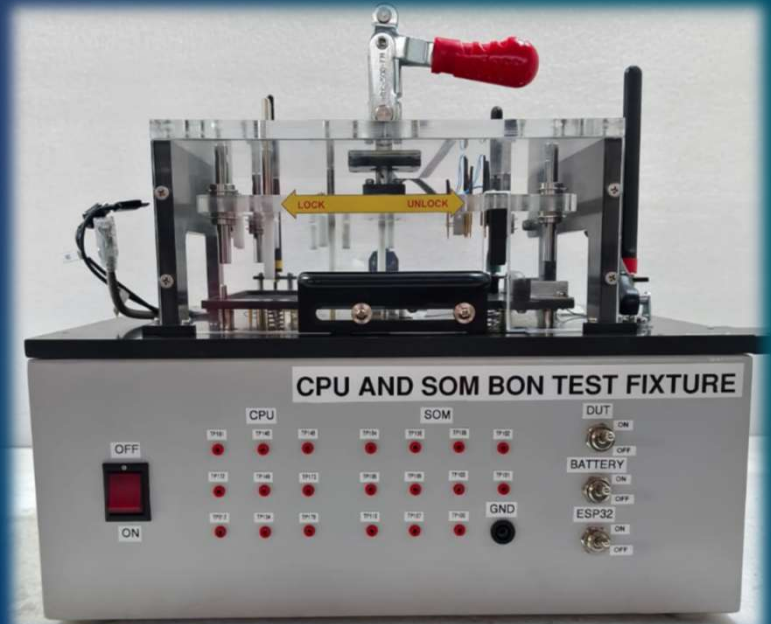




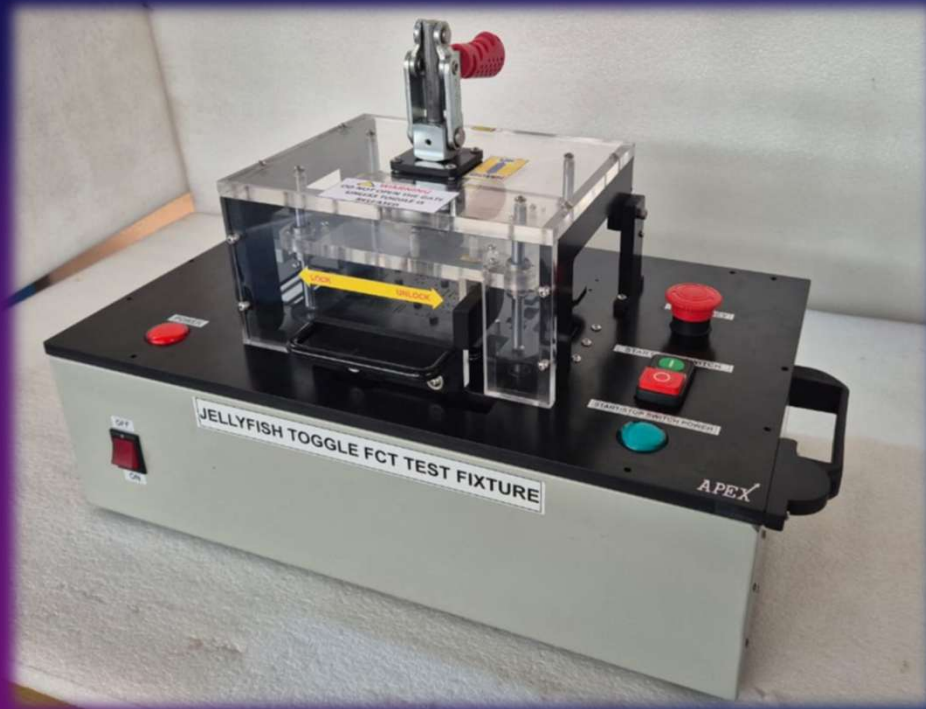
PNEUMATIC OPERATED FIXTURES



PNEUMATIC OPERATED FIXTURES



MANUALLY OPERATED FIXTURES



MANUALLY OPERATED FIXTURES



MANUALLY OPERATED FIXTURES

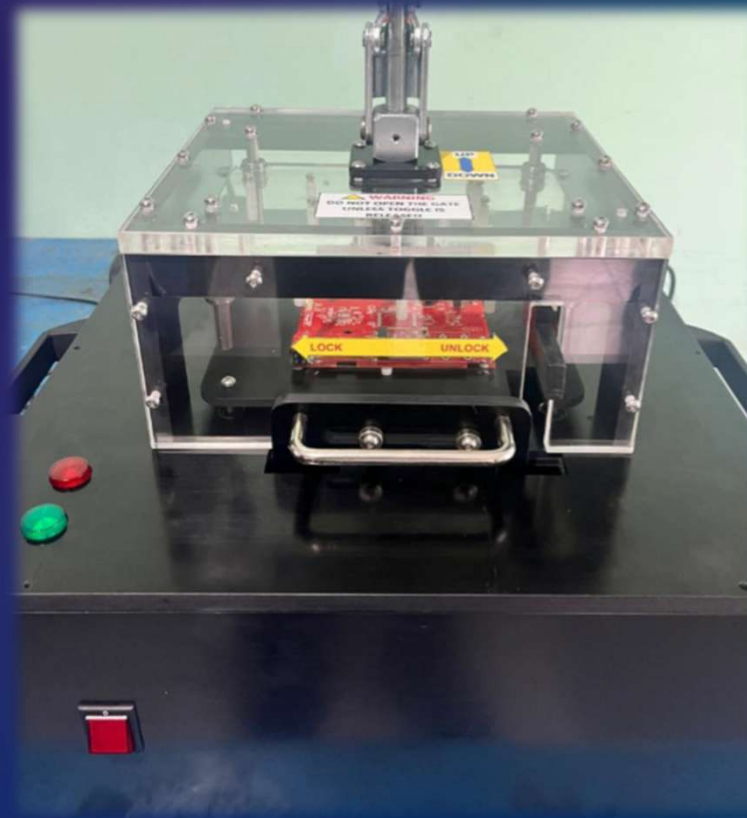
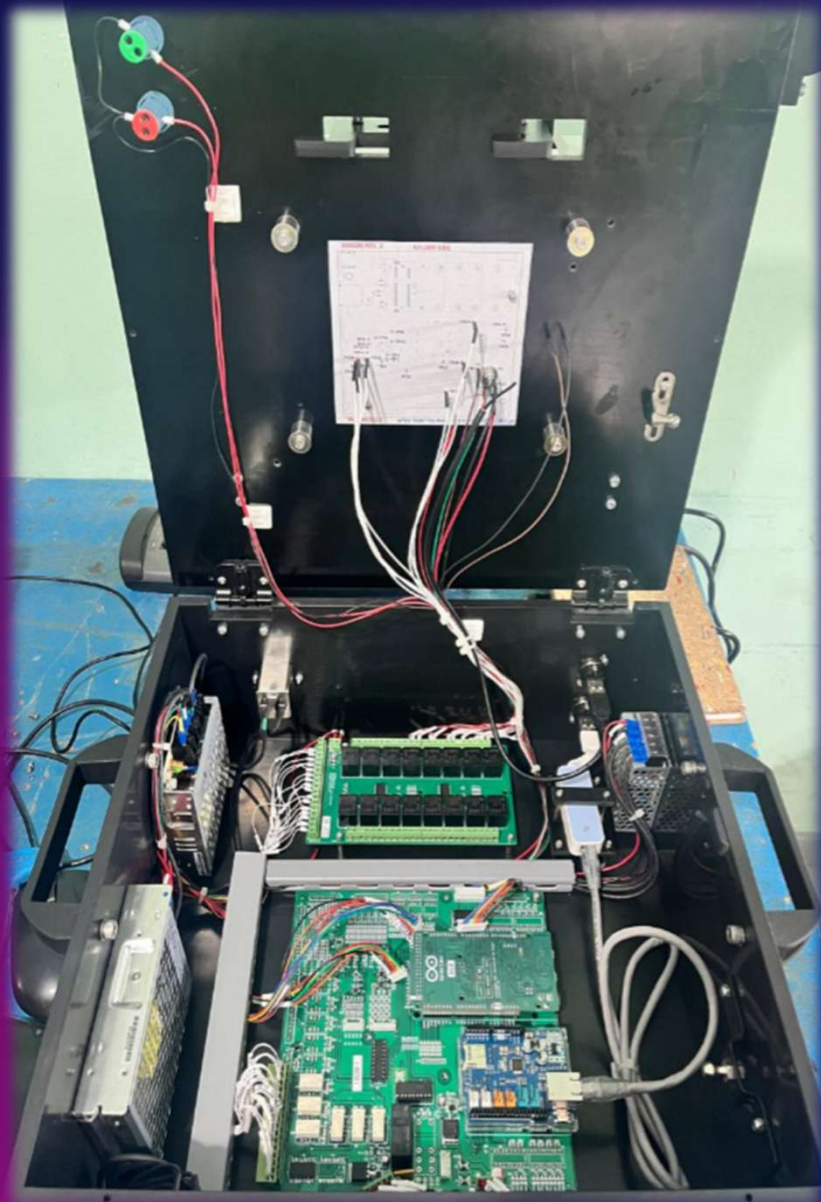


Fixture integrated with a camera and resistance measurement setup for validating both the color of the harness and measuring the NTC (Negative Temperature Coefficient) resistance, designed with both visual inspection and electrical testing

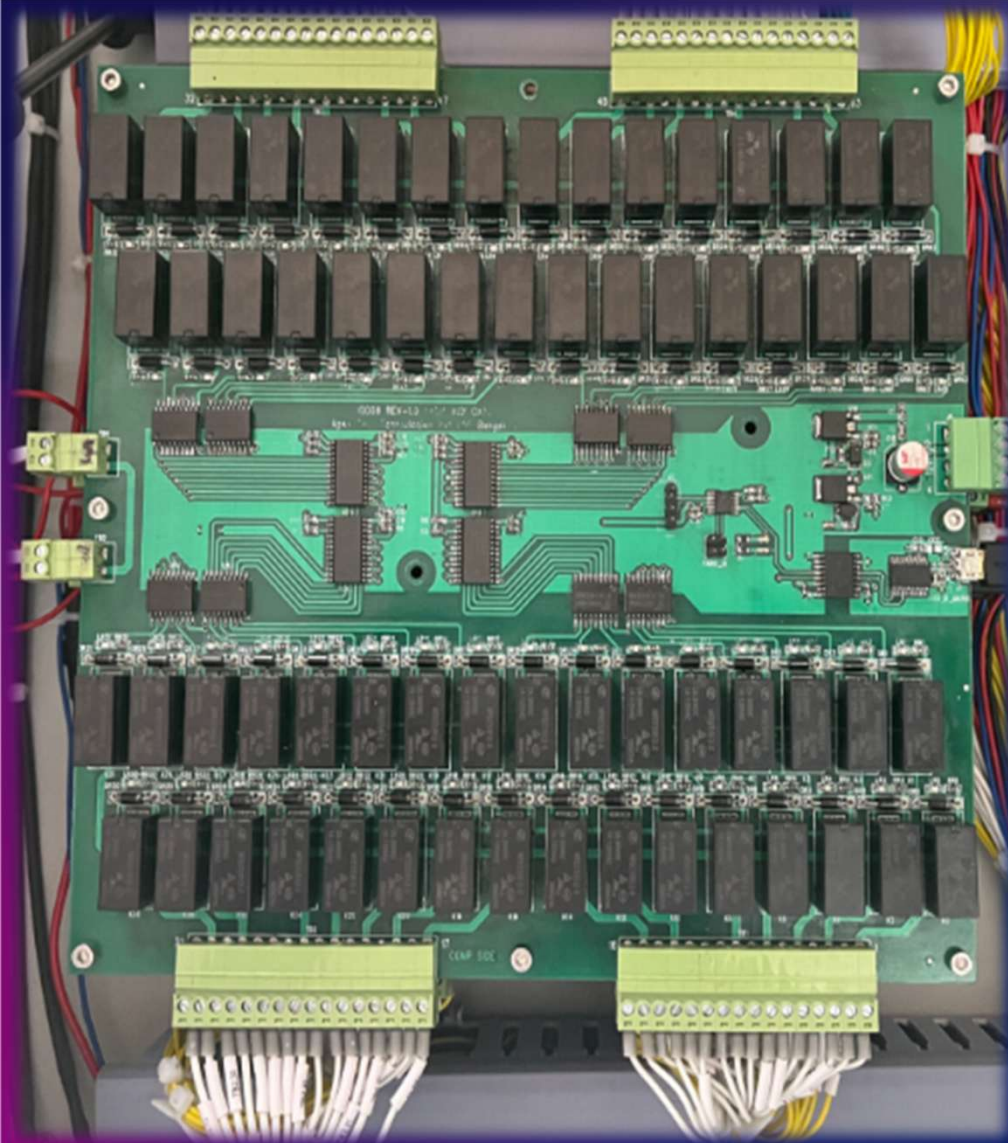


PNEUMATIC OPERATED FIXTURES

Project for
molex

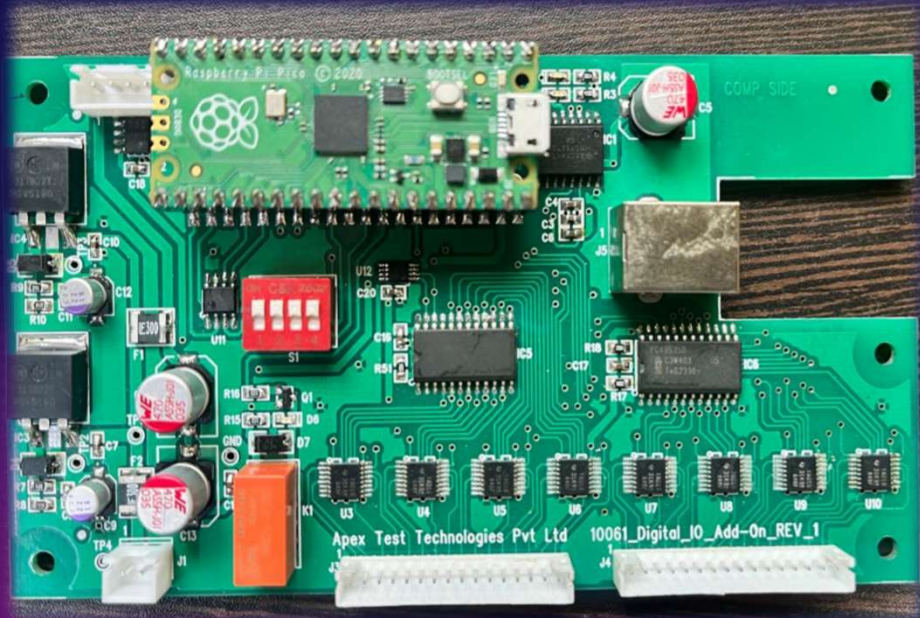


**FIXTURE WITH IN-HOUSE
INSTRUMENTATION**



64 CH Multiplexer Card with
USB interface

IN-HOUSE PCBA DESIGN

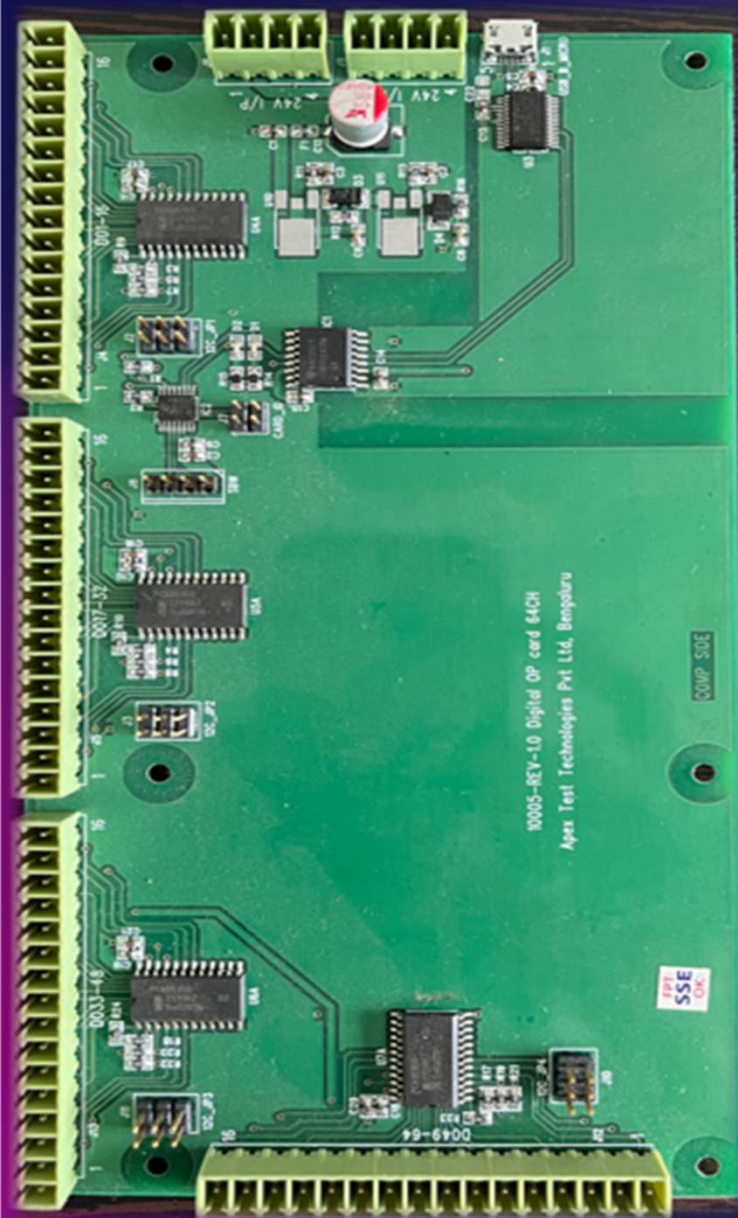


32 Channel Configurable Digital
Input/Output Card With Self Test

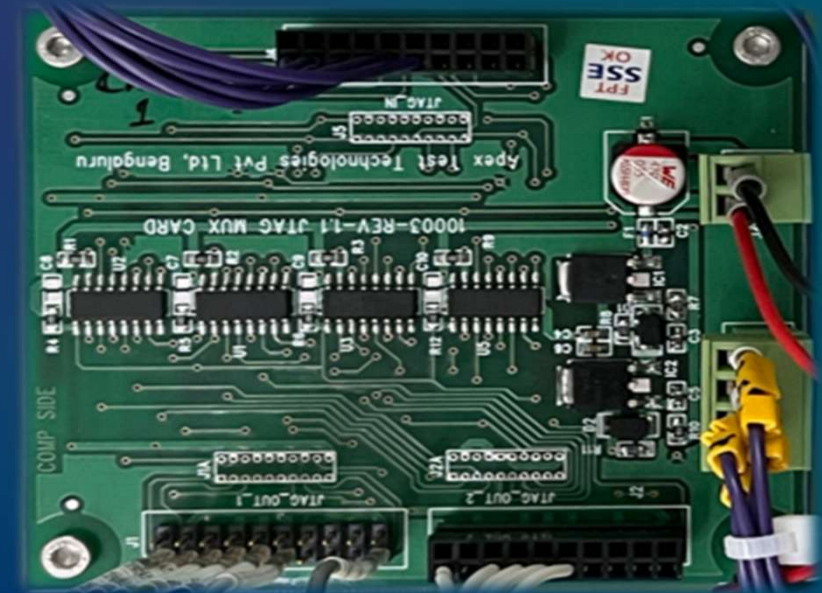


Fixture Controller Using Arduino
Due

IN-HOUSE PCBA DESIGN



64 CH & 32 CH
Digital IP/OP Card



JTAG Mux Card

IN-HOUSE PCBA DESIGN

TECHNICAL CAPABILITY

FIXTURE MECHANICAL DESIGN



AUTOCAD



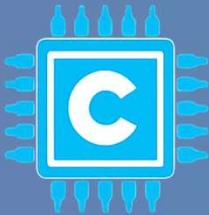
SOLIDWORKS



NI TestStand



LabVIEW

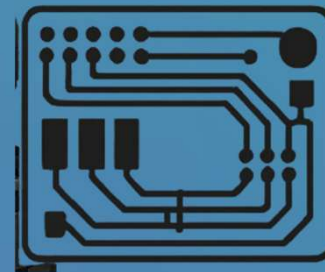


python

PROGRAMMING PLATFORM

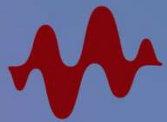


CNC MACHINING



CUSTOM PCB DESIGN

INSTRUMENTATION HARDWARE INTERFACING FROM



KEYSIGHT
TECHNOLOGIES

GW INSTEK



Chroma

Tektronix[®]

YOKOGAWA 

Instruments : DMM, Oscilloscopes, Hi-Pot testers, Electronic loads, Programmable power supply, Power analyzer etc.

Interface : PXI, USB, LAN, LXI, PCI, GPIB, RS232



OKANO



TERADYNE

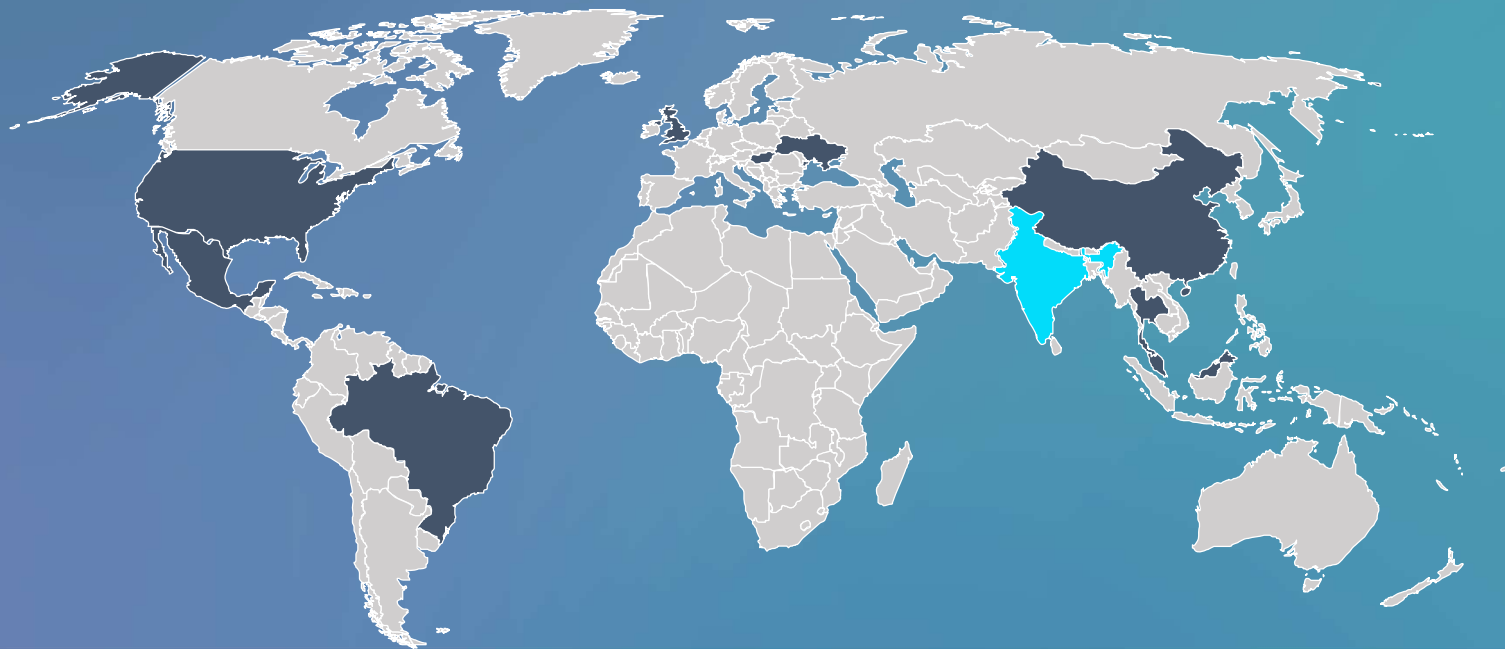


CNC MACHINE



GENRAD

INFRASTRUCTURE



- USA
- MEXICO
- BRAZIL

- UK
- HUNGARY
- UKRAINE

- CHINA
- THAILAND
- MALAYSIA
- SINGAPORE

EXPORT REGIONS



OUR CLIENTS

CONTACT US

#80/18, Industrial Suburb,
Yeshwanthpur, Bangalore-560022
Karnataka, India



+91 87469 86887 / 80739 11089 /
79750 941018



www.apextest.co.in



info@apextest.co.in
pcbtesting@gmail.com





THANK YOU

