



SKC Compliance Lab Pvt .Ltd.

NABL Accredited lab

WHO WE ARE



SKC Group of Labs are recognized as leaders in testing and validation for Automotive (OEM, Tier 1, Tier 2 and Tier 3), Aerospace, Defense, Electronics, Electricals Railways, Medical and various Appliance & Consumer product manufacturer.

Group comprises of two laboratories SKC ENVIRON LAB PVT LTD and SKC COMPLIANCE LAB PVT LTD

SKC ENVIRON LAB – ESS (Environmental Stress Screening) lab. Incorporated on March 2014 with a vision "[To serve the customer](#)". [Currently catering to more than 180 Customers from](#) Automotive, Defence Aerospace, Railways, Medical and various Appliance & Consumer product manufacturer. Recognized in the industry based on quality, transparency, flexibility and on time delivery.

SKC COMPLIANCE LAB – Product safety Testing lab catering for consumer Electronics, Home Appliance, IT Equipment, Audio Video Equipment, Medical Devices, UPS/inverters etc. With a state-of-the-art facility and professionals with deep domain knowledge, SKC COMPLIANCE LAB can cater to your testing and certification needs with shorter Turn Around Time. It support for the improvement in product life cycle intern helping to ensure compliance, save money and time.

OUR MISSION & VISSION



Value

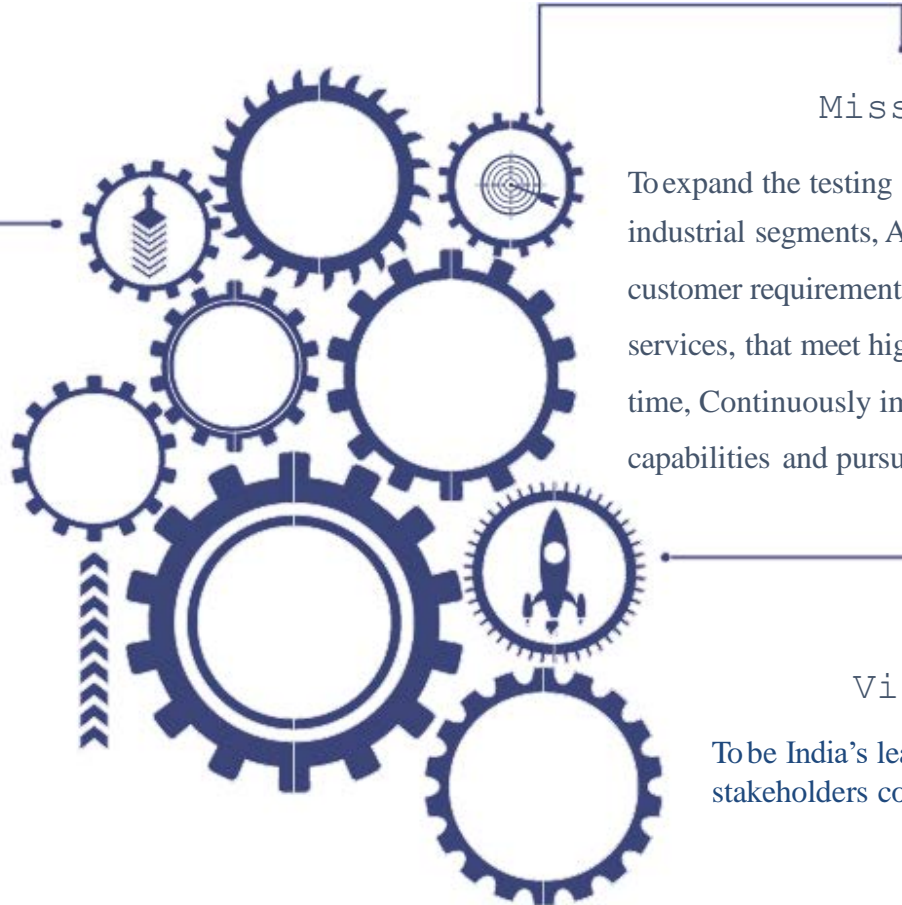
To do what is best for our customers. Take care of our employees. We are driven by our passion, integrity, entrepreneurialism and innovative spirit, as we continually strive to fulfill our vision. These values guide us in all that we do and are the core foundation upon which our organization is built.

Mission

To expand the testing services across geographical region and different product / industrial segments, Adding scopes time to time to meet change in needs of customer requirements. To reach the level of customer delight by providing services, that meet high quality standards, cost effective, and less turnaround time, Continuously improve the quality systems and enhance the technical capabilities and pursuing organizational excellence.

Vision

To be India's leading product testing services and to enhance stakeholders confidence in its services.



OUR SERVICE POLICY



- We shall endeavor to provide effective, Quality and prompt service, so as to achieve total customer satisfaction at all times.
- We shall continuously upgrade our service quality, Communication, Capabilities and the skill sets to meet customer requirements efficiently.
- We shall constantly adapt, innovate and refine our processes in line with changing customer requirements to maintain credibility , leadership and trustworthiness in our field.
- We commit ourselves for fair play, transparency and sincere endeavor in the Business we do.
- We shall abide by statutory and legal regulations while carrying out our activities.



OUR CLIENTS



AEROSPACE AND DEFENCE CLIENTS



AUTOMOTIVE CLIENTS



RAILWAY, ELECTRONIC & MEDICAL CLIENTS

AMETEK

SAINT-GOBAIN



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OTHER CLIENTS

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Shriram Institute for Industrial Research
(A Unit Of Shriram Scientific & Industrial Research Foundation)

Our Facility



Product Safety Testing & Certifications



Evaluating a product for electrical safety usually includes the following tests:

- High voltage test (dielectric withstand test) - to withstand a high voltage applied between a product's electrical circuit and the ground
- Leakage current test - current flow between an AC source and the ground does not exceed a specified limit
- Insulation resistance test - calibrates the quality of the electrical insulation used
- Ground continuity test - ensures that a clear path is available between all exposed metal surfaces and the power system ground

Solutions by SKC COMPLIANCE LAB

- Components and Subassembly Testing
- Consumer Electronic Products & Retail Testing
- IT Equipment's, Audio/Video products
- UPS /Inverters
- House Hold and similar electrical appliance
- Wireless Products Testing and Certification
- Electrical Hazards Management
- Medical Device Testing
- Automotive Testing
- Global Market Access (IEC / CE)
- Ingress Protection Test (IP Code)

Sl. No.	Product	Indian Standard number(IS No.)	Sl. No.	Product	Indian Standard number(IS No.)
1	AMPLIFIERS WITH INPUT POWER 2000W AND ABOVE	IS 616:2010*	13	VISUAL DISPLAY UNITS, VIDEOS MONITORS OF SCREEN SIZE 32" AND ABOVE	IS 13252(Part 1):2010*
2	AUTOMATIC DATA PROCESSING MACHINE	IS 13252(Part 1):2010*	14	WIRELESS KEYBOARDS	IS 13252(Part 1):2010*
3	ELECTRONIC GAMES (VIDEO)	IS 616:2010*	15	CASH REGISTERS	IS 13252(Part 1):2010*
4	ELECTRONIC MUSICAL SYSTEMS WITH INPUT POWER 200W AND ABOVE	IS 616:2010*	16	COPYING MACHINES/DUPLICATORS	IS 13252(Part 1):2010*
5	LAPTOP/NOTEBOOK/TABLET	IS 13252(Part 1):2010*	17	PASSPORT READER	IS 13252(Part 1):2010*
6	MICROWAVE OVENS	IS 302-2-25:2014*	18	POINT OF SALE TERMINALS	IS 13252(Part 1):2010*
7	OPTICAL DISC PLAYERS WITH BUILT IN AMPLIFIERS OF INPUT POWER 200W AND ABOVE	IS 616:2010*	19	MAIL PROCESSING MACHINES/POSTAGE MACHINES/FRANKING MACHINES	IS 13252(Part 1):2010*
8	PLASMA/LCD/LED TELEVISIONS OF SCREEN SIZE 32"; AND ABOVE	IS 616:2010*	20	POWER BANKS FOR USE IN PORTABLE APPLICATIONS	IS 13252(Part 1):2010*
9	PRINTERS, PLOTTERS	IS 13252(Part 1):2010*	21	SMART CARD READER	IS 13252(Part 1):2010*
10	SCANNERS	IS 13252(Part 1):2010*	22	POWER ADAPTORS FOR IT EQUIPMENTS	IS 13252(Part 1):2010*
11	SET TOP BOX	IS 13252(Part 1):2010*	23	UPS/INVERTORS OF RATING <= 5KVA	IS 16242(Part 1):2014*
12	TELEPHONE ANSWERING MACHINES	IS 13252(Part 1):2010*	24	INDIAN LANGUAGE SUPPORT FOR MOBILE PHONE HANDSETS	IS 16333 (Part 3) : 2016*

Sl. No.	Product	Indian Standard number(IS No.)	Sl. No.	Product	Indian Standard number(IS No.)
25	UPS/Inverters of rating <= 10kVA	IS 16242 (Part 1) : 2014	38	USB Type External Solid-State Storage Devices (above 256 GB capacity)	IS 13252 (Part 1) : 2010
26	Plasma/ LCD/LED Television of screen size up-to 32	IS 616 : 2010	39	Electronic Musical System with input power below 200 Watts	IS 616 : 2017
27	Visual Display Units, Video Monitors of screen size up to 32	IS 13252 (Part 1) : 2010	40	Standalone Switch Mode Power Supplies (SMPS) with output voltage 48V (max)	IS 13252 (Part 1) : 2010
28	CCTV Cameras/CCTV Recorders	IS 13252 (Part 1) : 2010	41	Television other than Plasma/ LCD/LED TVs	IS 616 : 2017
29	Adapters for household and similar electrical appliances	IS 302 (Part 1) : 2008	42	Wireless Microphone	IS 616 : 2017
30	USB driven Barcode readers, barcode scanners, Iris scanners, Optical fingerprint scanners	IS 13252 (Part 1) : 2010	43	Digital Camera	IS 13252 (Part 1) : 2010
31	Smart watches	IS 13252 (Part 1) : 2010	44	Video Camera	IS 616 : 2017
32	Keyboard	IS 13252 (Part 1) : 2010	45	Webcam (Finished Product)	IS 616 : 2017
33	Induction Stove	IS 302-2-6 : 2009	46	Smart Speakers (with and without Display)	IS 616 : 2017
34	Automatic Teller Cash dispensing machines	IS 13252 (Part 1) : 2010	47	Bluetooth Speakers	IS 616 : 2017
36	USB Type External Hard Disk Drive	IS 13252 (Part 1) : 2010			
37	Wireless Headphone and Earphone	IS 616 : 2017			

LIST OF TEST OFFERED



1. Dielectric strength test / Hi-pot Test / High voltage Test / Dielectric breakdown Test
2. Flammability test (Needle Flame test)
3. Flammability test (Glow wire)
4. Surge test
5. Climatic treatment (Hot, cold and Humidity treatment)
6. Impulse test
7. Hot air oven
8. insulation resistance tester
9. Ground Bond test / Earth continuity test / Earth Bond Test
10. Air Velocity Measurement
11. Power consumption (single and three phase system)
12. Ball Pressure test
13. Vi-Cat Softening Test
14. Measurement of temperature rise.
15. Drop test / topple test /free fall test.
16. Transformer endurance test.
17. Cord Flexing and anchorage Test.
18. Mechanical Stability Test
19. Battery charge and Discharge Test
20. Impact Test (vertical and Horizontal test)
21. Bump Test
22. Rain Test / Water Drip Test
23. Water immersion test
24. Water test (for Jet proof Apparatus)
25. Water ingress test (Water spraying form all side with angle Up to 360°)
26. Stress relief test (High temperature test)
27. Dust Test
28. Protection against electric shock test (with different type of Test probe and Test fingers)
29. Touch current / Leakage current Test
30. Torque Test.
31. Abrasions / Scratch Resistance test for Coating
32. Microwave Leakage Detection
33. RPM Measurement of Moving Parts / Tachometer
34. Push and pull Force / Load

Equipment's / facilities

Equipment's / facilities



DIELECTRIC STRENGTH TESTER / HI-POT TESTER / HIGH VOLTAGE TESTER / DIELECTRIC BREAKDOWN TESTER



Specification

- Output voltage – 1.DC 0 to 6Kv
2.AC 0 to 6Kv (50/60Hz)
- Tripping Current - 0 to 300mA (adjustable)
- Test time - 0 to 999 sec, Continue
- Ramp / Fall time – 0.1 to 99.9 Sec, OFF
- Voltage Resolution- 2V
- Voltage / Current Accuracy \pm (1% of reading +0.1% of range)

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FLAMMABILITY TESTER / GLOW WIRE TESTER / IN - DIRECT FLAME TESTER



Specification

- Wire loop Ni/Cr (80:20), 4 mm dia.
- Calibration with help of Silver foil of 99.9 % purity. (before each test)
- Thermocouple type K, class 1 (see IEC 60584-2), mineral-insulated, metal-sheathed, fine-wire with an insulated junction, outside diameter 0,5 mm
- Penetration Depth - Mechanically restricted to 7 mm
- Test specimen contact force against the glow wire - preloaded to 1N
- Electrically heated by current transformer 150 A, to a predetermined temperature from ambient to 960 °C.

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FLAMMABILITY TESTER / NEEDLE FLAME TESTER /DIRECT FLAME TESTER

Specification

- Burner with 9 mm diameter with regulator and needle flame diameter 0.5.
- Flame: Up to 100 mm in height adjustable Test time - 0 to 999 sec, Continue
- Supplied Gas – propane 98% purity, Methane 98% purity
- application time of the flame to the specimen can be 5 s, 10 s, 20 s, 30 s, 60 s or 120 s
- angle of application – 0 to 900 adjustable
- temperature range: - ambient to 10000C



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SURGE TESTER

Specification

- Output voltage – 1kV to 15Kv
- Charge and discharge Capacitor 1nF
- Charging time 3 sec.
- Number discharge counts 0- 9999
- Number discharge and discharge can be changed.
- Oscilloscope interface for waveform analysis (BNC output)

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Equipment's / facilities



HUMIDITY CHAMBER / CLIMATIC CHAMBER



Specification

- Temperature range - -40°C to 200°C
- Ramp Rate – $3^{\circ}\text{C}/\text{min}$
- Humidity Range – 25 % Up to 95 %
- Chamber Size: - 500mm x 500mm x 500mm
- UUT can be externally supplied by Power or can be monitored
- Auto start function in case of Power failure
- Thermal cut in case of main controls Fails.
- High Voltage / Insulation Resistance also can be measured in chamber after precondition
- Convection. conduction and Radiation losses to Maintain the Specific temperature

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HOT AIR OVEN



Specification

- Temperature range - Ambient to 2500°C
- 3 number heaters to get Fast temperature response
- Chamber Size: - 1m x 1m x 1m
- UUT can be externally supplied by Power or can be monitored
- Auto start function in case of Power failure
- Thermal cut out in case of main controls Fails.
- Zero Skin Temperature
- Convection. conduction and Radiation losses to Maintain the Specific temperature
- Free from Corrosion, rusting and leakage for air or water

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IMPULSE TESTER

Specification

- Output voltage – 1kV to 10kV
- Surge Specification: - 1.2/50uS & 10/700uS
- Charge and discharge Capacitor 1nF
- Charging time 1 sec.
- Number discharge counts 0- 9999
- Number discharge and discharge can be changed.
- Oscilloscope interface for waveform analysis (BNC output) (100:1)

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INSUALTION RESISTANCE TESTER

Specification

- Output Voltage -DC : 0.05 ~ 1Kv
- Voltage Resolution -2V Voltage
- Accuracy - \pm (2% of reading +0.5% of range)
- IR Range - $1\text{M}\Omega$ ~ $50\text{G}\Omega$
- Resistance Resolution - $0.1\text{M}\Omega$
- Resistance Accuracy - 5%
- Mobile equipment
- Ripple Free DC supply
- short circuit pointer shows 'zero', which means 'NO' resistance within circuit being tested.

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Equipment's / facilities



GROUND BOND TESTER / EARTH CONTINUITY TESTER / EARTH BOND TESTER

Specification

- Output Current -: 2 to 100Amp.
- Current Resolution -1 Ampere
- Accuracy - \pm (1% of reading +0.2% of range)
- Range of testing - 0 to 2 ohm
- pen circuit voltage - 0.01-12Vac.
- Test Method - 4 wires / 2 wire
- Mobile equipment
- THD less than 2 %
- Influence of test probe not influence the test result



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POWER ANALYSER (SINGLE AND THREE PHASE SYSTEM)

Specification

- Range of measurement – 1 mW to 15Kw
- In both linear and nonlinear load
- Power factor – lag, lead Up to 1
- Load type – R, C, L, R_L R_C (all combination)
- Simultaneous display of voltage, current and power (W, var, VA and power factor, Displacement power factor (DPI), Total power factor (HF), K-factor) values
- Peak, DC, and Crest Factor, Total harmonic distortion (% THAD and % THIRD) Harmonics to 31st



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ANEMOMETER

Specification

- Range of measurement - 0.4-30.0 m/s
- Resolution – 0.1 m/s
- Accuracy- \pm (2 % + 1 d)
- Operating 0°C to 50°C (32°F to 122°F). Temp
- Multi-functions for air flow measurement: m/s, km/h, ft/min, knots.
- A sensitive balanced vane wheel rotates freely in response to air flow.



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BALL PRESSURE TEST APPARATUS

Specification

- Ball diameter: 5 mm.
- Force exerted on sample: - 20 N, + \ - 0.1 N
- Material of construction: Stainless steel.
- Magnifier: X 10 magnification, 0.1 + mm resolution, 0~180 mm scale
- Temperature range 23 °C to 250 °C



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Equipment's / facilities



VI-CAT SOFTENING TESTER

Specification

- Temp. Range: ambient to 200°C
- rate of rise of temperature are 50 ± 50°C/hr. and 120 ± 12°C/hrs
- Displacement measurement Up to 10mm
- flat-ended needle of 1 mm² circular (load as per user requirement)
- test station is fitted with a PT100 immersed in oil

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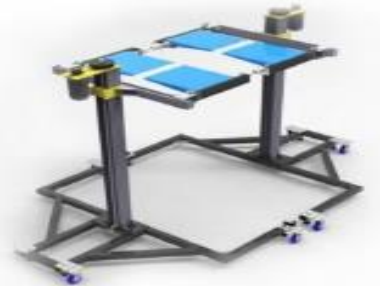


DROP/ TOPPLE/ FREE FALL TESTER

Specification

- Drop height Range: 10mm to 3 meters
- Impact surface - cement / hardwood / combination of hardwood and plywood all combination available.
- Drop from all sides, corners, edges can be done
- can be used for smaller weights less than 100kgs

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MECHANICAL STABILITY TESTER

Specification

- Tilt angle 1 to 900
- Dropping Height 3m
- force application Up to 200N (horizontal) Up to 1000N (vertical)
- both horizontal and vertical force can be applied simultaneously
- Wall / ceiling mounting mechanical testing cab ne done

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TEMPERATURE DATA LOGGER

Specification

- Temp. Range-270 °C to +1820 °C
- Temperature accuracy- ±0.2% of reading and ±0.5 °C
- Operating humidity 5 to 95 %RH non-condensing
- Measures and records up to 16 thermocouples at once
- 20-bit resolution and high accuracy
- Built-in cold junction compensation
- Test corner size (black in color)- 3meter * 2 meter * 1meter max (adjustable)

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BUMP TESTER

Specification

- Bump counts – 1 to 99999 bumps
- DRIVE METHOD: Motor
- Dropping Height: 1mm-5cm (adjustable)
- Table size / support size – 1m* 1.5m

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MICROWAVE TESTING

Specification

- Range : 0~9.99mW/cm²
- Accuracy : ±1dB
- Warning value : 5.0mW/cm²

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Equipment's / facilities



RAIN TESTER / WATER DRIP TESTER



Specification

- IP Test (IPX1 AND IPX2)
- Interior Dimensions-1000 x 1000 x 1000 mm
- Adjustable water flow and pressure
- Spraying Hole Diameter- $\phi 0.4\text{mm}$
- Turntable Rotation Speed 1r/min Adjustable
- Distance between Spraying holes - 20mm

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OSCILLATING TYPE RAIN TESTER



Specification

- IP Test (IPX3 AND IPX4)
- Oscillating Tube diameter – 2meter
- Adjustable water flow and pressure
- Spraying Hole Diameter- $\phi 0.4\text{mm}$
- Spraying Hole Distance- 50mm
- Turntable Rotation Speed 1r/min Adjustable
- Rotameter for water flow measurement
- Pendulum rain test can give the product around 360 water spray.

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JET PROOF WATER TESTER

Specification

- IP Test (IPX5 AND IPX6)
- Distance to Enclosure: 2.5 - 3m
- Adjustable water flow 0-150LPM
- Nozzle dia. – For IPX5-6.3mm/ IPX6- 12.5mm
- Rotameter for water flow measurement
- Pendulum rain test can give the product around 360 water spray.

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WATER IMMERSION TESTER

Specification

- IP Test (IPX7 AND IPX8)
- Tank size – 2 M(h) x 1M (w) x 1M (d)
- Sample can be kept at max 2meter from water surface
- IPX7: Can be submerged up to 1 meter in water for 30 minutes or more.
- IPX8: Can be submerged deeper than 1 meter. The exact depth is specified by the manufacturer.

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HIGH-PRESSURE, HIGH-TEMPERATURE SPRAYS TESTER



Specification

- Tank size – 1 m(h) * 1 (w) *1m (d)
- Nozzle position – 00,300,600,900.
- Water temperature – 250C to 900C
- Water flow – 10 to 20liters /minute (adjustable)
- Water pressure – 80 to 100 bar

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Equipment's / facilities



DUST CHAMBER



Specification

- TEST -IP5X AND IP6X
- Chamber size – 1.5m(h) *2 (w) *1m (d)
- Dust type - talcum dust.
- Temperature range: - 200C to 600C
- Specifications of square mesh sieve
- Mesh hole 75um, mesh metal wire diameter 50um

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IP – AGAINST SOLID OBJECTS

Specification

- TEST -IP1X AND IP4X
- IP1X- Protection against approach by hands Cannot be penetrated by a solid object 50mm or more in diameter.
- IP2X -Protection against approach by fingers Cannot be penetrated by a solid object 12mm or more in diameter.
- IP3X- Protection against tips of tools, etc. Cannot be penetrated by a solid object 2.5mm or more in diameter.
- IP4X- Protection against wire, etc.
- Cannot be penetrated by a solid object 0.04 in. (1.0mm) or more in diameter.

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TOUCH CURRENT / LEAKAGE CURRENT TESTER



Specification

- Display 320 x 240 Color TFT LCD
- 8 different measuring networks
 1. Earth Leakage Current.
 2. Leakage current from enclosure and earth.
 3. Leakage current from enclosure to enclosure.
 4. Leakage current from enclosure to line.
 5. Patient Auxiliary Current.
 6. Patient leakage current I.
 7. Patient leakage current II.
 8. Patient leakage current III.
- Range –
 1. AC/AC+DC Ranges 50uA/500uA/5mA/25mA
 2. DC Ranges 50uA/500uA/5mA/25mA
- Accuracy $\pm 1.0\%$ fs/ $\pm (0.2\%$ rdg+3dgt)

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ABRASIONS / SCRATCH RESISTANCE TESTER



Specification

- Scratch Angle : 80-85°
- Force: 10 N \pm 0.5 N OR 50N
- Scratch Speed up to 1000 mm/s \pm 5 mm/s
- Radius of Steel Pin: 0.25 mm \pm 0.02 mm
- Tip Angle of Steel Pin 40°

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TORQUE TESTER (SCREW DRIVE TYPE)



Specification

- Range a) 0.1 Nm to 1.2 Nm (0.01NmL.C.)
b) 1Nm to 6Nm (0.1Nm L.C.)
- Hand held device / mobile device
- Suitable for any type of screws or nuts

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Equipment's / facilities



TACHOMETER

Specification

- Range: 60 to 99999 rpm
- Detecting Distance: 100 - 300 mm
- Display: 5-digit 7 segment bright red LED Display
- Accuracy: $\pm (0.05\% + 1)$
- Resolution: 0.1rpm < 1000 rpm
- Sampling time: 1 Second
- Type: Digital Tachometer
- Time Base-Quartz Crystal Controlled
- Operating Temperature: 0-60°C

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PUSH/PULL FORCE GAUGE

Specification

- Range: 0 to 500N (0 to 5Kgf)
- Graduation – 2.5N
- Accuracy: $\pm 0.1\%$
- Relative value error 0.5%

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COATING THICKNESS TESTER

Specification

- Range: 0-2000microns
- Principle- Magnetic Induction
- Resolution - 0.1
- Accuracy $\pm (1-3\%)$ or 2.5 microns
- Minimum Area of constant - 5mm
- Operating Temperature 0-600 C

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LIGHT METER / Lux METER

Specification

- Range: 0 to 50000 LUX
- Resolution: 1-100 Lux
- Accuracy: $\pm 5\% + 2d$
- Sampling time: 0.4 Sec
- Operating Temperature: 0° to 60°C

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BAROMETER /ALTIMETER/ HYGROMETER

Specification

- Altimeter: - -700 to 9000 meter Resolution 1meter
- Barometer: – 300hpa to 1100hpa Resolution 0.1hpa
- Thermometer: - -200C to 600C / Resolution 0.10C
- Hygrometer: - 20% to 70% / Resolution 1%
- Stop watch function:- 9hr

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DIGITAL EARTH RESISTANCE TESTER

Specification

- Soil Resistivity measurement
- 4 wires earth measurement
- Conductor resistance measurement
- 3 ½ Digit LCD Display
- Earth Ground Resistance 0-1000Ω
- Resolution 0.1Ω

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Equipment's / facilities



Ph METER



Specification

- Measuring Range 0.00 ~ 14.00 pH
- Resolution 0.01 pH
- Accuracy ± 0.01 pH
- Operating Temp. 0°C ~ 60°C
- Calibration 2 point

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OSCILLOSCOPE



Specification

- Bandwidth (@ 50 Ω) 200 MHz and up to 5GHz
- Input Channels 4
- Sample Rate (single-shot) 2.5 GS/s
- Standard Capture Time Up to 2 ms at full sample rate on all four channels
- Input Impedance 1 M Ω || 16 pF, or 50 Ω
- Probing System BNC or ProBus
- Trigger Modes Normal, Auto, Single, and Stop
- Display 10.4" Color flat-panel TFT-LCD, 800 x 600 SVGA, touch screen

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FUNCTION / PULSE GENRATOR

Specification

- Functions: Sine, triangle, ramp, square, pulse, haversine, haver triangle, dc.
- Frequency : Range: 1 MHz to 50 MHz (3-digit resolution)
- Duty cycle: (sine, triangle, square, haversine, haver triangle).
- Range: 10% to 90% (20% to 80% above 1 MHz), 2-digit resolution
- Amplitude: Range: 10.0 mVpp to 16.0 Vpp (3-digit resolution).
- Operating Modes Normal, trigger*, gate*, external width
- External Input: Threshold: ± 10 V adjustable. Max input voltage: ± 20 V.

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DC POWER SUPPLY 50 / 60

Specification

- RANGE 0-50VDC / 0-60ADC
- Manual using 10-turn controls
- LINE REGULATION For a 10% change <0.01% +3mV in CV mode <0.01% +5mA in CI mode
- LOAD REGULATION For a zero to 100% change <0.01% +5mV in CV mode <0.01% +5mA in CI mode
- RIPPLE AND NOISE (f=20Hz to 20MHz) CV: 4mV rms/40mV pk-pk typical CI: 25mA rms typical
- 2 to 60V input shuts down output
- Twin 3-digit LED panel meters for volts and amps

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Equipment's / facilities



DC POWER SUPPLY



Specification

- RANGE 0-50VDC, 0-20ADC
- Line regulation $<0.02\% + 3\text{mV}$
- Load regulation $<0.02\% + 10\text{mV}$ (at I $<6\text{A}$) $<0.1\% + 5\text{mV}$ (at I $>6\text{A}$)
- Ripple & noise $<3\text{mVrms}$
- Display 2 x 3.5-digit LED Accuracy V - $1.0\% + 2 \text{ dig}$ I - $2.0\% + 2 \text{ dig}$
- 2 to 60V input shuts down output
- Twin 3-digit LED panel meters for volts and amps

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DIGITAL PHOSPER OSCILLOSCOPE

Specification

- 500 MHz Bandwidth Models
- 4 Analog Channel Models
- 2.5 GS/s Sample Rate on All Channels
- Input Coupling AC, DC, GND
- Measurement Statistics – Mean, Min, Max, Standard deviation.
- Calculated Rise 0.7 ns Time (typical)
- Input Impedance 1 M Ω in parallel with 13 pF or 50 Ω
- DC Gain Accuracy $+2\%$
- Time Base Accuracy $+20 \text{ ppm}$ over any 1 ms time interval

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Certificates



  National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

SKC COMPLIANCE LAB PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

SP-9, NGEF INDUSTRIAL ESTATE, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

in the field of

TESTING

Certificate Number: TC-9132

Issue Date: 01/12/2020 Valid Until: 30/11/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : SKC COMPLIANCE LAB PRIVATE LIMITED

Signed for and on behalf of NABL




N. Venkateswaran
Chief Executive Officer



TC-9132