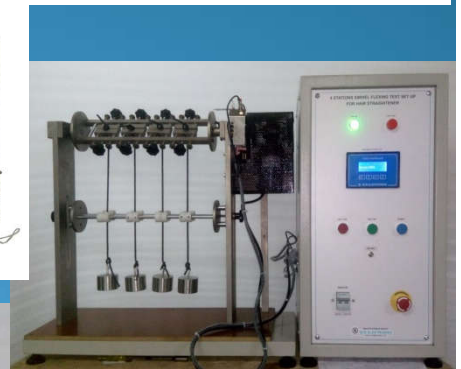




SCR ELEKTRONIKS

SALES PRESENTATION FOR TESTING EQUIPMENTS FOR HAIR DRYER & STRAIGHTNER





LIST OF TEST EQUIPMENT

1. CORD FLEXING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER
2. CORD SWIVELING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER
3. ENDURANCE TEST SETUP FOR COATING OF HAIR DRYER & HAIR STRAIGHTENER
4. FOUR STATIONS ABRASION TEST SETUP FOR COATING OF HAIR STRAIGHTENER
5. PREHEATING TEST SETUP FOR HAIR STRAIGHTENER



1. CORD FLEXING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER

- **What It Is ?**

- SCR Elektroniks make CORD FLEXING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER is used to test the Electrical accessories / appliances for their mechanical strength.
- Operate appliances Hair dryer or Hair straightener at rate voltage.
- Position appliances swivel with connection with major axis horizontal ,supply cord hanging vertically with 1N pull force.
- Rotate the appliance around its major axis, Clockwise & Anti-clockwise. Frequency is 10 turns in one minute.

- **Models Available :**

- The tester is customized w r t the number of stations.



- **Features :**

- Choice of number of stations
- Custom built fixture
- Dedicated micro controller design

- **Key Benefits :**

- The tester tests the flexing characteristics of the electric cord used in a hair straightener



● Specifications :

- Micro Controller based Sequence Controller – 1 No.
- Motorised Fixture to test Hair Dryer / Hair Straightener – 4 Nos.
- Digital Counter – 4 Nos.
- MCB at input supply.
- Input Supply single phase 230V AC 50 Hz.

● Key Photos :



Two Station Flexing Test Setup For Hair Dryer



Four Station Flexing Test Setup For Hair Straightener



2. CORD SWIVELING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER

- **What It Is ?**

- SCR Elektroniks make CORD SWIVELING TEST SET UP FOR HAIR DRYER & HAIR STRAIGHTENER is used to test the Electrical accessories / appliances for their mechanical strength.
- Operate appliances Hair dryer or Hair straightener at rate voltage.
- Position appliances swivel with connection with major axis horizontal ,supply cord hanging vertically with 1N pull force.
- Rotate the appliance around its major axis,20 Revolutions clockwise & 20 Revolutions anti-clockwise.

- **Models Available :**

- The tester can be customized with number of stations as also PC based or otherwise



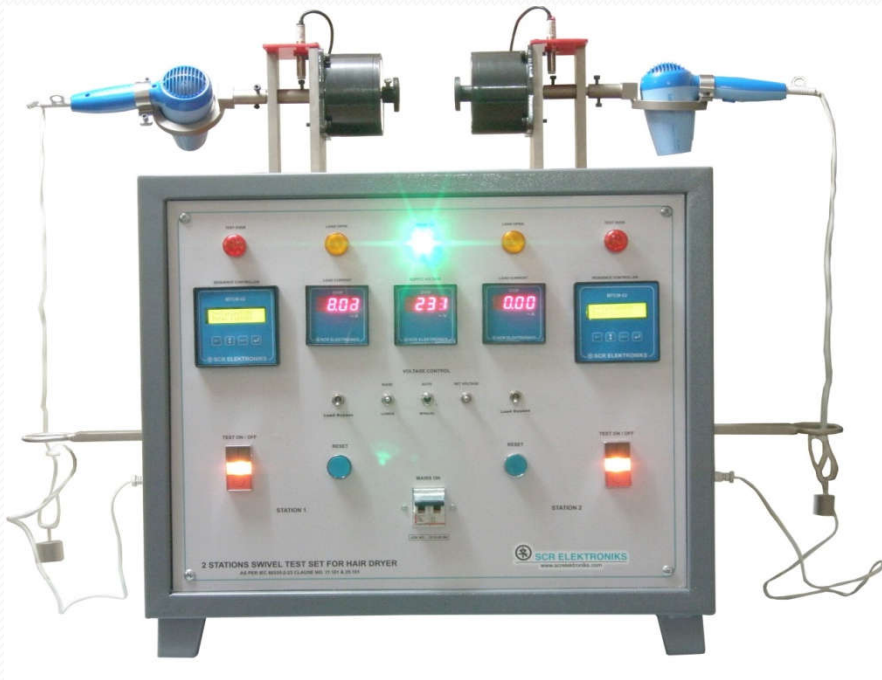
● Features :

- Programmable rotation count
- Fast and Automatic Operation
- Motor Driver Controller with adjustable speed.

● Specifications :

- Input Supply: 230V/32A AC + / - 10%, 50Hz, .
- Each Stations Output Socket 240V/8A Max. 4 nos.
- Digital Programmable Timer TMPR-21 to carry out the test sequence.
- Digital Ammeter to display the current of Hair straightener/Hair dryer.
- Micro Controller based System
- 5 digit LED Display to display time & settings
- Membrane keys for Settings
- Total no. of cycles programmable from 1 to 99999.
- Forward and reverse rotation count is programmable from 1 cycle to 99 cycles.

- Key Photos :



Two Station Swivel Test Setup For Hair Dryer



Four Station Swivel Test Setup For Hair Straightener



3. ENDURANCE TEST SETUP FOR COATING OF HAIR DRYER & HAIR STRAIGHTENER

- **What It Is ?**

- SCR ELEKTRONIKS have developed "Endurance Test Setup for Hair Dryer & Hair Straightener".
- It consists of Adjustable Constant Voltage source, Digital Timer, Digital Voltmeter, Digital Timer for carrying out Heating Test of Hair Straightener.
- It has got the capacity to check hair straightener that require test current 28 A at different Test Voltages.

- **Key Benefits :**

- User friendly operations make the equipment to be handled easier for any operator.
- Micro Controller based System



● Features / Specifications :

- Microcontroller based System.
- Operates on Single Phase Supply 230V +/- 10 %.
- Accuracy of class 1.
- Provision for testing of 10 Nos. Hair Dryer & Hair straightener at a time.
- 5 digit LED Display to display time & settings
- Resolution : 1 sec
- Membrane keys for Settings
- Total no. of cycles programmable from 1 to 99999.
- ON / OFF time programmable from 1 sec to 99.59 min

● Key Photos :



Endurance Test Setup For Hair Dryer



Endurance Test Setup For Hair Dryer



4. FOUR STATIONS ABRASION TEST SETUP FOR COATING OF HAIR STRAIGHTENER

- **What It Is ?**

- SCR ELEKTRONIKS have developed "4 Stations Abrasion Test Setup for Coating of Hair Straightener" for Testing of Hair Straightener.
- It consists of Adjustable Constant Voltage source, Digital Timer, Digital Voltmeter, Digital Timer for carrying out Heating Test of Hair Straightener.
- It has got the capacity to check hair straightener that require test current 28 A at different Test Voltages.

- **Models Available :**

- The tester can be customized for number of stations



- **Features / Specifications :**

- Microcontroller based System.
- Operates on Single Phase Supply 230V +/- 10 %.
- Accuracy of class 1.
- Provision for testing of 4 Nos. Hair straightener at a time.
- 20 * 4 LCD display to display test time & other test settings.
- Resolution : 1 sec
- Membrane keys for Settings
- Total no. of cycles programmable from 1 to 99999.
- ON / OFF time programmable from 1 sec to 99.59 min



- **Key Benefits :**

- The tester is used for testing abrasion for a hair straightener by simulating the action by artificial means.
- Battery Backup provided so cycles before power off can be continued after power on.
- Diagnostic mode provided which makes it easy for maintenance.(input, outputs can be diagnosed in this mode)

- **Key Photos :**



Abrasion Test Setup For Coating Of Hair Straightener



5. PREHEATING TEST SETUP FOR HAIR STRAIGHTENER

- **What It Is ?**

- SCR ELEKTRONIKS have developed "60 Stations Preheating Test Setup for Hair Straightener" for Testing of Hair Straightener.
- It consists of Adjustable Constant Voltage source, Digital Timer, Digital Voltmeter, Digital Timer for carrying out Heating Test of Hair Straightener.
- It has got the capacity to check hair straightener that require test current 28 A at different Test Voltages.

- **Models Available :**

- The tester can be customized with respect to the number of stations and the wattage of the heating source in built in the test system as per the temperature desired



- **Features / Specifications :**

- Microcontroller based System.
- Operates on 3 Phase Supply 230 V/28A Per Phase +/- 10 %.
- Constant Voltage Source 200V to 300V/15A each Phase.
- Accuracy of class 1.
- Provision for testing of 60 Nos. Hair straightener at a time.
- 5 digit LED Display to display time & settings.
- Resolution : 1 sec
- Membrane keys for Settings
- Total no. of cycles programmable from 1 to 99999.
- ON / OFF time programmable from 1 sec to 99.59 min



- **Key Benefits :**

- The tester is used to pre-heat the hair dryer / hair straightener for measuring the maximum temperature that checks if the hair dryer opens its internal contact

● Key Photos :



Preheating Test Setup For Hair Straightener



- **Documentation That Will Be Provided With Product :**

- Layout (dimensions, etc.)
- Metering and PCB termination diagram
- Power wiring diagram
- Control wiring diagram
- User manual
- Data acquisition module details (for PC based variants)
- Signed warranty certificate
- Calibration certificates (NABL optional)



• Why SCR Elektroniks ?

- Since 1975: Rich Experience In Test And Measurement
- Customized Solution
- Dedicated After Sales Support Team
- Designed More Than 100 Different Products
- In- House Team Of Micro-controller Design, Electrical And Electronic Design, Micro Controller Development, Labview (PC) Software And PLC Logic, Production, Testing And Commissioning And Support
- In-house Development Of Critical Electronic And Electrical Meters, Modules And Components
- ISO 9001 : 2015 Certified By Bureau Veritas – Maintaining High Quality In Our Internal Process
- Listed By IEC In The Past
- Fair And Consistent Pricing
- Our Ultimate Prize: Customer Delight

- **Our Recent Clients List For Hair Dryer & Straightener:**

Sr. No	Customer Name
1	Havells
2	Elin
3	Phillips

SCR ELEKTRONIKS

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THANK YOU