



An ISO 9001:2000 Certified company

DIGITAL HIGH VOLTAGE INSULATION TESTER With Polarization Index and Dielectric Absorption Ratio.

MODEL KM 6213BIN



Preliminary Data.

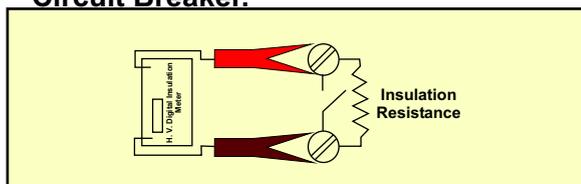
FEATURES

- * The KM 6213BIN is the KUSAM-MECO premium model of High Voltage Digital Insulation Resistance Testers.
- * The KM 6213BIN has new added features with a low consumption High Performance processor.
- * It displays results much faster and has more advanced features.
- * The KM 6213BIN has Automatic Polarization Index and Dielectric Absorption Ratio Calculations.
- * Results are displayed on the new High Contrast LCD. It's mounting angle makes it more readable for most users, in many working conditions.
- * The user's manual reflects the new features and added benefits of this instrument. It has more applications examples.
- * It has Auto-Off, Auto-Stop, EnerSave™ and is a non destructive tester.
- * Once you start the tester, it waits for your selection. You can go up and down in voltage to select the voltage at which you want to test the insulation. Once you have selected that voltage, you need to connect the test leads to the insulation to measure. Once you have done that, it measures voltage to ensure there is no voltage present on the insulation under test. If there is a voltage present, it will warn you to disconnect the circuit before proceeding. If it's free of any voltage, then you can proceed with the testing. This ensures that no damage is done to the tester.
- * One of the new innovation on this tester is also the way the new unique calibration process works. It's fully digital, has no moving parts and does not require expensive and complicated jigs or computers systems to be calibrated. It's cheaper to maintain than any other Digital HV Insulation tester on the market today. The KM 6213BIN is supplied standard with our Premium test Leads Kit, the AL-50

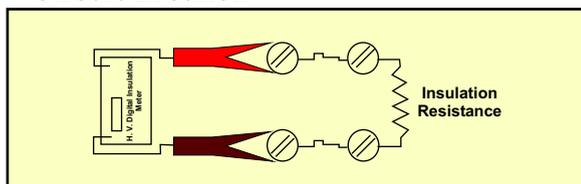
- Variable High Voltage 500V-10kV.
- Shows Polarization Index (auto).
- Shows Dielectric Absorption Ratio.
- Fast Calculation and Display.
- Voltage Steps of 500V.
- Colour Coded Terminals-Test Leads.
- Warning Voltage Detection.
- Large LCD Display with timer.
- Automatically Stops the Test.
- Automatically Switch tester OFF.
- Works with Rechargeable Battery, adaptor supply with instrument.
- Very Low Power Consumption.
- Guard Connection to reduce errors.
- Lightweight, Robust & Compact.
- Automatic Discharge of Circuits.
- Indicates Low Battery while in Use.
- Includes AL-50 Leads as standard.

KM 6213BIN HV Insulation Tester - Designed for Professionals

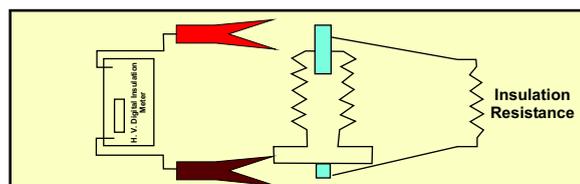
• Measuring Insulation of Open Contacts of Circuit Breaker.



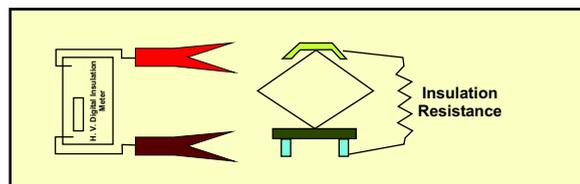
• Measuring Insulation between contacts of Circuit Breaker.



• Insulator



• Insulator on Railway Coach



* The KM 6213BIN is the new Standard in "Best Value for Money" High Voltage Insulation Meters. It is a low cost tool for trend analysis.

* Use it to test Insulation Resistance; on Ceramic Insulators, between Bus Bars, between Open Circuit of contactors connections, off Insulating Materials.

* The KM 6213BIN is the best meter for maintenance in its category. It is mainly used for periodic measurements to ensure that user and equipment are safe.

* The new PI and DAR features are useful to schedule maintenance. The user keeps records of the PI and DAR results and analyze these results over time.

* Maintenance can be done according to analysis and downtime can be scheduled, so that production does not suffer, thus saving production time.

* In the past, without the PI and DAR, user's could not do scheduled preventive maintenance and therefore, breakdown occurred randomly and production was down anytime without any alternative planning.

* The KM 6213BIN is portable, tough and rugged and can sustain industrial environment handling, it can test at voltage from as low as 500V up to as high as 10000V, adjustable with a 500V step.

* The Cover contains the test leads and the user's manual, all in one unit. Once the lid is open, a quick instruction panel can be read while using the instrument, thus, reducing user's mishandling.

TECHNICAL SPECIFICATIONS	KM 6213B IN
Output Voltage Adjustment (500V step)	From 500V To 10kV
Dielectric Absorption Ratio	$\frac{R@1Min}{R@30sec}$
Polarization Index	$\frac{R@10Min}{R@1Min}$
Battery	Rechargeable Battery
Maximum Insulation Resistance (10kV)	600G Ohms
Power Output Limits	1W
Resistance per Voltage	25G/500V
Weight	Approx. 3.6kg
Maximum Operating Humidity	85%
Live Warning Voltage	> 300Vac
Accuracy	$\pm 5\% \pm 1dgt$
Calibration	Eeprom
Calibrate Current	YES
Calibrate Voltage (using cal. Resistors)	YES
Protections	Diodes
Over Voltage CLASS III	300V
Over Load between all terminals	300V
Low Battery Indicator	<8Vdc

Note: All Specifications are Subject to change.

KUSAM-MECO

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Industrial Supply Syndicate

54, Ezra Street, Kolkata - 700 001, INDIA

Phone: +91 33 22350923, 22356676 Fax: 30222923

Email: info@industrialindia.com Website: www.industrialindia.com