LIST OF PRODUCTS

- * Digital Multimeter
- * AC Clamp Adaptor
- * Thermo Anemometer
- * Distance Meter
- * Network Cable Tester
- * Earth Resistance Tester
- * DC Power Supplies
- * Calibrators* Frequency Counter
- * Function Generator
- * Phasing Sticks

* EMF Detector

- * Waterproof Pen Testers
- * Solar Power Meter* Discharge Rods(400 KV)

* Digital AC & AC/DC Clampmeter

* AC/DC Current Adaptor

* Power Factor Regulator

* High Voltage Detectors

* Thermo Hygrometer

* Digital Panel Meters

* Gas Detectors

* Battery Tester

* Digital Lux Meter

- * Wood, Paper & Grain Moisture Meter
- * Transistorised Electronic Analog & Digital Insulation
- Resistance Testers(upto 15 KV)
- * Digital Sound Level Meter & Sound Level Calibrator
- * Digital contact & Non-contact Type Tachometer
- * Digital Non-contact (infrared) Thermometer/ Thermal Imaging Camera
- * Maximum Demand Controller/Digital Power Meter
- * Digital Hand Held Temperature Indicators

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Email : sales@kusam-meco.co.in

Website : www.kusamelectrical.com



AN ISO 9001:2015 COMPANY

TRMS ENHANCED PRACTICAL MULTIMETER MODEL - KM 2807CSE



OPERATION MANUAL

(KUSAM-MECO)

TAKE MEASUREMENTS CAREFULLY AND YOU'LL SPARE YOUR METER AND YOURSELF, SOME PAIN.

Nearly every electrical engineer has a hand held Multimeter. We sometimes take them for granted, until we damage them or "burn them out". If you incorrectly connect your DMM to a circuit or have the DMM on wrong setting, you damage the meter and possibly hurt yourself. You can also get into trouble if you try to measure the voltage across a charged capacitor.

DMM users frequently burn their meters by trying to measure current the same way as they measure voltage, Remember, you measure voltage across a circuit, and current through a circuit. When you use the current input, your DMM becomes a low impedance circuit element. If you accidentally connect this low impedance path across your circuit, you'll effectively short-circuit it. You can, therefore send high current through your meter and severely damage it. Unless the meter has a fused input, you can even get an explosion or fire.

Even if you correctly insert your DMM into the circuit, you can still damage your meter. Don't try to measure current in excess of your meter's capacity. Handheld DMMs usually have a maximum current rating of 10A or 20A.

If you are measuring current in industrial environment, you can easily exceed those ratings. The best way to avoid damage is to use a clamp meter or to connect a clamp attachment to your DMM.

To prevent excess current from flowing through your meter, always disconnect the test leads from the circuit under test whenever you change DMM functions, Set your meter to the correct function, say current and its highest range for the setting, say 20A.

Next, connect the test leads before you apply power to the circuit. To be safe, start by setting your meter to its highest range first.

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1) SAFETY	The meter meets IEC/EN/BSEN/CSA C22.2 No./UL standards
	of 61010-1 Ed. 3.1 and 61010-2-033 Ed. 2.0 to Measurement
Terms in this manual	L Categories CAI III 1000V and CAI IV 600V. The accompanied
WARNING identifies conditions and actions that could result in serious injury or even death to the	standards of 61010-031 Ed. 2.0 to the same meter ratings or better. The 61010-031 requires exposed conductive test probe
	The accompanied add-on caps (or permanent insulated tips
CAUTION identifies conditions and actions that could cause	option) have to be used for applications under CAT III & CAT IV.
damage of manufaction in the instrument.	as on the add-on accessories (like detachable Caps or Alligator
This manual contains information and warnings that must be	Clips), if any, for applicable rating changes.
followed for operating the instrument safely and maintaining the	
in a manner not specified by the manufacturer, the protection	2.INTERNATIONAL ELECTRICAL SYMBOLS
provided by the instrument may be impaired.	Marking of Electrical and Electronic Equipment (EEE).
Observe proper safety precautions when working with voltages	Waste Contact a gualified recycler
above 30 Vrms, 42.4 Vpeak, or 60 VDC. These voltage levels pose a potential shock hazard to the user. Disconnect the test	Caution ! Refer to the explanation in this Manual
leads from the test points before changing functions. Do not expose this product to rain or moisture. The meter is intended	Caution ! Risk of electric shock
Keep your hands/fingers behind the hand / finger barriers (of the	Earth (Ground)
meter and the test probe assembly, where applicable) that indicate the limits of sofe access of the handhold parts during	Double Insulation or Reinforced Insulation
measurements. Inspect lead wires, connectors, and probes for	
damaged insulation or exposed metal periodically. If any defects	ACAlternating Current
are found, replace them immediately. Only use the test probe assembly provided with the meter or a UL Listed test probe	DCDirect Current
assembly to the same meter ratings or better. Optional offer	3 Three-phase Alternating Current
at agent's discretion, is equipped with white inner insulation lavers	Application around and removal from hazardous live
as wear indicators. Replace them immediately if any of the white	conductors is permitted
layers has become visible.	
01	02

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BRIEF INFORMATION ON MEASUREMENT CATEGORIES Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation. Examples are measurements on devices installed before the main fuse or circuit breaker in the building installation.

Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation. Examples are measurements on distribution boards (including secondary meters), circuit-breakers, cables, bus-bars, junction boxes, switches, socket-outlets, stationary motors in the fixed installation, and equipment for industrial use.

Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation. Examples are measurements on MAINS CIRCUITS of household appliances, portable tools and similar equipment.

3. CENELEC DIRECTIVES

The instruments conform to (CE) Low-Voltage Directive 2014/35/ EU, Electromagnetic Compatibility Directive 2014/30/EU, and RoHS 2 Directive 2011/65/EU plus amendment Directive (EU) 2015/863.

03

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4. SPECIFICATIONS : **GENERAL SPECIFICATIONS:** Display: 3-5/6 digits 6,000 counts Update Rate: 5 per second nominal Operating Temperature: -10°C to 50°C Relative Humidity: Maximum relative humidity 80% for temperature up to 31°C decreasing linearly to 50% relative humidity at 50°C Altitude: Operating below 2000m Storage Temperature: -20°C ~ 60°C, < 80% R.H. (with battery removed) Temperature Coefficient: Nominal 0.15 x (specified accuracy)/ °C @ (-10°C ~ 18°C or 28°C ~ 50°C), or otherwise specified Sensing: True RMS sensing Pollution Degree: 2 Safety: Certified per IEC/UL/EN61010-1 Ed. 3.1, IEC/UL/ EN61010-2-033 Ed. 2.0, IEC/UL/EN61010-031 Ed. 2.0 and the corresponding CAN/CSA-C22.2 regulations to Measurement Categories: CAT III 1000V and CAT IV 600V Transient Protection: 8.0kV (1.2/50µs surge) E.M.C.: Meets EN61326-1:2013 mV, Diode, Ohm, & Temperature; in an RF field of 1V/m: Total Accuracy = Specified Accuracy + 100 digits Other functions; in an RF field of 3V/m: Total Accuracy = Specified Accuracy + 100 digits **Overload Protection:** µA & mA: 0.63A/1000V DC/AC rms, IR 10kA, F fuse; or better A: 11A/1000V DC/AC rms, IR 20kA, F fuse; or better V: 1100V DC/AC rms mV, Ohm, & others: 1000V DC/AC rms Low Battery: Below approx. 2.5V 04

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Power Supply: 1.5V AAA Size battery X 2

Power Consumption (typical): 3.2mA

iAPO Consumption (typical): 10µA

iAPO Timing: Idle for approx. 32 minutes

Accessories: Test lead set, User's manual, Banana-plug type-K thermocouple

Optional purchase accessories:BKB32 banana-plug to type-K socket plug adaptor

SPECIAL FEATURES:

- VFD-ACV & VFD-Hz;
- Hi/Lo EF-Detection (NCV & Single pole);
- Display Hold w/Hold-alert[™] warning;
- MAX Hold;
- BeepLit[™] Diode w/BeepPass[™] indication;
- BeepLit[™] Continuity;
- Relative-Zero mode;
- Backlighted LCD display;
- BeepJack[™] audible & visible input warning

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Electrical Specification:

Accuracy is given as \pm (% of reading digits + number of digits) or otherwise specified @ 23°C \pm 5°C AC Voltage & Current accuracies are specified from 1 % to 100 % of range or otherwise specified. Maximum Crest Factor <2:1 at full scale & <4:1 at half scale, and with signal component frequencies limited to the specified bandwidth of the AC functions for non-sinusoidal waveforms

AC VOLTAGE

	RANGE	ACCURACY		
	50Hz ~ 60Hz			
	60.00mV ¹⁾ , 600.0mV ²⁾	1.0% + 3d		
	6.000V, 60.00V,600.0V,1000V	0.7% + 3d		
	45Hz ~ 500Hz			
	60.00mV ¹⁾ , 600.0mV ²⁾	2.0% + 3d		
	6.000V, 60.00V,600.0V,1000V	2.0% + 3d		
	500Hz ~ 1kHz			
	60.00mV ¹⁾ , 600.0mV ²⁾	2.0% + 3d		
	6.000V, 60.00V,600.0V,1000V	Unspecified		
Input Impedance: 10MΩ, 20pF nominal 1)Signal peak absolute values, including DC bias, less than 130mVpeak 2)Signal peak absolute values, including DC bias, less than 1300mVpeak				

06

(KUSAM-MECO) [®] =	
VFD-ACV (with Low Pass Filter)	
RANGE	ACCURACY ¹⁾
10Hz ~ 100Hz	
600.0V, 1000V	1.0% + 3d
10Hz ~ 100Hz	
600.0V, 1000V	10.0% + 3d ²⁾
1)Not specified for fundamental frequency > 40 2)Accuracy linearly decreases from 1% + 3d @ 10% + 3d @400Hz	0Hz 00Hz to

DC VOLTAGE

RANGE	ACCURACY
60.00mV, 600.0mV, 6.000V	0.3% + 2d
60.00V	0.4% + 2d
600.0V	0.2% + 2d
1000V	0.4% + 2d

Input Impedance: 10MΩ, 20pF nominal

Ohm

RANGE ¹⁾	ACCURACY
600.0Ω, 6.000kΩ	0.3% + 3d
60.00kΩ, 600.0kΩ	0.5% + 3d
$6.000M\Omega^{2}$, $60.00M\Omega^{3}$	0.9% + 2d ⁴⁾

1)Open Circuit Voltage: 1.6VDC typical 2)Constant Test Current: 0.2µA Typical 3)Constant Test Current: 0.02µA Typical

4)5%+20d @ >30Mµ

07

(KUSAM-MECO) BeepLit[™] Continuity Tester Continuity Threshold: Between 30Ω and 480Ω Continuity ON Response Time: <15ms Audible Indication: Beep sound Visible Indication: LCD Backlight Capacitance ACCURACY RANGE 20.00nF, 200.0nF 1.5% + 8d 2000nF 1.5% + 3d 20.00µF, 200.0µF, 2000µF Accuracies with film capacitor or better BeepLitTM Diode Tester RANGE ACCURACY Test Current **Open Circuit** Voltage (Typical) <3.2 VDC 3.0000V 0.9% + 2d 0.3mA BeepPassTM Indication (Short-beep): Drop Across 0.850V BeepLitTM Indication (Continuity) Threshold: < 0.100V Audible Indication: Beep Sound Visible Indication: LCD Backlight DC CURRENT **BURDEN VOLTAGE** RANGE ACCURACY 600.0mA, 6000mA 1.0% + 3d 0.1mV/mA 3.0mV / mA 60.00mA, 600.0mA 0.7% + 3d 6.000A, 10.00A¹⁾ 25mV / A

®

1)10A continuous, >10A to 20A for 30 seconds max with 5 minutes cool down interval

08

RANGE	ACCURA	CY BURDEN VOLT	AGE	
50Hz~500Hz				
600.0mA, 6000mA	1.5% + 3	d 0.1mV/mA		
60.00mA, 600.0mA	10% + 5	d 3.0mV / mA		
6.000A, 10.00A ¹⁾	1.0 /0 · 0	25mV / A		
1)10A continuous, >10A to 20A for 30 seconds max with 5 minutes cool down interval Logic Frequency				
RANGE	SENSIT	IVITY (SQUARE WA	VE)	
			,	
5.00Hz~300.0kHz Accuracy: 0.03% + 4d		3Vpeak		
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE		3Vpeak		
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE		3Vpeak		
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE -40°C to 0.0°C		3Vpeak ACCURACY		
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE -40°C to 0.0°C -0.0°C to 99.9°C		3Vpeak ACCURACY 1% + 2°C		
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE -40°C to 0.0°C -0.0°C to 99.9°C -100°C to 400°C		3Vpeak ACCURACY 1% + 2°C 1% + 2°C	_	
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE -40°C to 0.0°C -0.0°C to 99.9°C -100°C to 400°C -40.0°F to 32.0°F		3Vpeak ACCURACY 1% + 2°C 1% + 2°C 1% + 2°C	_	
5.00Hz~300.0kHz Accuracy: 0.03% + 4d TEMPERATURE RANGE -40°C to 0.0°C -0.0°C to 99.9°C -100°C to 400°C -40.0°F to 32.0°F -32.0°F to 99.9°F		3Vpeak ACCURACY 1% + 2°C 1% + 2°C 1% + 4°C 1% + 2°C		

significant change in ambient temperature. It can take up to an hour for changes > 5°C 2)Type-K thermocouple range & accuracy not included

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LINE FREQUENCY

FUNCTION	SENSITIVITY (SINE RMS)	RANGE
6V	5V	10Hz ~ 50kHz
60V	10V	10Hz ~ 50kHz
600V	50V	10Hz ~ 1kHz
1000V	500V	50Hz ~ 1kHz
VFD 600V	50V	10Hz ~ 1kHz
VFD 1000V	500V	50Hz ~ 1kHz
600mA,6000mA	500mA	10Hz ~ 5kHz
60mA, 600mA	50mA	10Hz ~ 5kHz
6A,10A	8A	50Hz ~ 1kHz

Accuracy: 0.03% + 4d

NON-CONTACT EF-DETECTION

BAR GRAPH	EF-H (Hi Sensitivity)	EF-L (LO Sensitivity)	
INDICATION	TYPICAL VOLTAGE (Tolerance)		
-	15V (3V ~ 30V)	70V (30V ~ 120V)	
	30V (10V ~ 60V)	140V (60V ~ 240V)	
	60V (20V ~ 120V)	280V (120V ~ 480V)	
	120V (40V ~ 240V)	560V (240V ~ 960V)	
	240V (>80V)	1000V (>900V)	

Indication: Display bar-segments, backlight flashing, & beep tones in proportion to the field strength

the best sensitivity.

Detection Frequency: 50/60Hz Detection Antenna: Top end center of the meter Probe-Contact EF-Detection: For more precise indications of live wires, such as distinguishing between live and ground connections, use direct contact testing with one single test-probe via the input terminal COM or V. The COM terminal (Black) has

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Hz

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Note: Input sensitivity varies automatically with the function range selected while activating the VFD-Hz function. 600V function range has the highest and the 1000V range has the lowest. When activated, the trigger voltage range will be displayed right before the Hz readings start. Press momentarily the **RANGE** button can manually select another trigger voltage range. It is recommended to first measure the signal voltage level and activate the Hz function in that range to get the most appropriate trigger level. If the Hz reading becomes unstable, select lower sensitivity to avoid electrical noise. If the reading shows zero, select higher sensitivity.

DCmV; ACmV; Logic-level Hz ; °C/°F

Inputs are made via the terminals COM/V. Startup defaults to CmV Function. Press the SELECT button momentarily to select the subject functions in sequence.



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Note:

1) In ACmV function:

1-1) ACmV startup defaults to the AC 600.0mV range. Autoranging is not available. Press the RANGE button momentarily to toggle to the AC 60.00mV range for extended resolution. 1-2) Using the ACmV function in a composite signal beyond the peak levels specified in the specifications will saturate the respective ranges and produce false results. Instead, the meter shows OL with both DC & AC icons when the peak value is exceeded in this regard. Suspected signal levels can be verified with the DCV and ACV functions. 1-3) To measure ACmV signals coupled merely in AC nature when required, it is recommended to add in series an appropriate DC blocking capacitor in the measurement loop.

2) In temperature function:

2-1) Be sure to insert the banana-plug type-K temperature beadprobe with correct +- polarities. Banana-pins to type-K socket adapter Bkb32 (Optional purchase) can be used to accept other type-K probes using standard miniature plugs. 2-2) Temperature accuracies assume the meter interior has the same temperature (isothermal stage) as the ambient, particularly at the plug of the probe being used, for a correct junction voltage compensation. Allow the meter interior temperature to catch up with that of the plug after a sudden change in the measuring environment and hence the ambient temperature. This can take up to an hour, for changes > 5°C, within a low ventilated sturdy meter housing. The uncompensated temperature differences, if any, will be reflected as offsets on the meter readings.

2-3) °F selection can be left out as factory calibration default for countries that only accept metric units.

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R



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Note: Discharge capacitor(s) before making capacitance measurements. Large-value capacitors should be discharged through an appropriate resistance load. Using the Capacitance function in a live circuit will produce false results and may damage the meter. In many cases, the suspected component(s) must be disconnected from the circuit to obtain accurate measurement readings.

Manual-ranging Override (Voltage, Current, and Ω functions only)

Press the **RANGE** button momentarily to select manual-ranging. The meter will remain in the range it was in; the LCD **AUTO** turns off. Press the button momentarily again to select the next range in sequence. Press and hold the button for 1 second or more to resume auto-ranging.

HOLD (with Hold-alert [™] Warning)

HOLD feature freezes the display reading and stops further measurements for later views. LCD " **□**" turns on flashing, and the frozen reading also flashes; it is the Hold alert [™] feature to warn the user of a displaying reading that is inactive. Press the **HOLD** button momentarily to toggle the **HOLD** feature.

MAX HOLD

Press the "MAX II" button for one second or more to activate MAX HOLD feature. LCD MAX & II turn on; Auto-Power-Off is disabled automatically; the meter beeps when a new MAX (maximum) reading is updated. When activated, the measuring speed (reading update rate) will be boosted to 40 times per second to capture RMS reading surges in the Voltage & Current functions; the speed remains unchanged in all other functions. Press the button for 1 second or more to exit.

Relative mode

Relative Δ mode allows the user to offset the meter consecutive measurements with the main-display displaying reading as the reference value. LCD " Δ " turns on. Press the Δ button momentarily to toggle **Relative** Δ mode.

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LCD Backlight and Auto-Backlight-Off (ABO)

Press the **SELECT** button for 1 second or more to toggle the LCD backlight. The **ABO** mode turns the LCD backlight off automatically after around 32 minutes of backlight activation to extend battery life. See **Power-on Options** section for disabling **ABO**.

Intelligent Auto-Power-Off (iAPO)

The **iAPO** mode turns the meter off automatically to extend battery life after idling around 32 minutes of no specified activities, where applicable, below:

- 1) Rotary switch or push button operation
- 2) Significant measuring reading of above 8.5% of its range
- 3) Non-over-range reading for Resistance, Continuity, or Diode function
- 4) Non-zero reading for Hz function

5) Significant bar-segment indication in EF-Detection function In other words, the meter will intelligently reset the **iAPO** mode when it is under normal measurements. To wake the meter up from **iAPO**, press the **SELECT** or **HOLD** button momentarily, or turn the rotary switch OFF and then back on. Always turn the rotary switch to the OFF position when the meter is not in use.

Power-on Options

Disabling both iAPO and ABO

Press and hold the **SELECT** button while powering on the meter to disable both **iAPO** and **ABO** features temporarily during the power-on session. The LCD will display "**dAPO**" to confirm selection before the **SELECT** button is released.

Shortening APO idling time for inspection

Press and hold the **HOLD** button while powering on the meter can shorten the **iAPO** idling time to about 8 seconds temporarily during the power-on session. This mode is designed mainly for production verification use.

Showing all LCD segments for inspection

Press and hold the **RANGE** or **Relative** button while powering on the meter can hold and show all LCD segments before the button

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is released. This mode is designed mainly for production verification use.

5) MAINTENANCE

Note: To avoid electrical shock, disconnect the meter from any circuit, remove the test leads from the input jacks, and turn OFF the meter before opening the case. Do not operate with open case.

Trouble Shooting

If the instrument fails to operate, check batteries and test leads etc., and replace as necessary. Double-check the operating procedure as described in this user's manual. Refer to the LIMITED WARRANTY section for obtaining calibration, repairing, or warranty service.

Accuracy and Calibration

Accuracy is specified for a period of one year after calibration. Periodic calibration at intervals of one year is recommended to maintain meter accuracy.

Cleaning and Storage

Periodically wipe the meter and the test probe assembly with a damp cloth and mild detergent. Do not use abrasives or solvents. Allow drying completely before operating. If the meter is not to be used for periods of longer than 60 days, remove the batteries and store them separately.

Battery and Fuse replacement

Battery use: Standard 1.5V AAA Size (IEC R03) battery X 2 Fuses use:

Fuse (F1) for μ A-mA current input: 0.63A/1000V ac & dc, IR 10kA, F fuse; or better. Dimensions: 6 x 32 mm Fuse (F2) for A current input: 11A/1000V ac & dc, IR 20kA, F fuse;

Fuse (F2) for A current input: 11A/1000V ac & dc, IR 20kA, F fuse; or better. Dimensions: 10 x 38 mm

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Battery replacement for models with battery access door: Loosen the 2 screws from the battery access door of the case bottom. Lift the battery access door and thus the battery compartment up. Replace the batteries. Put back the battery access door and re-fasten the 2 screws. Fuse replacement (and also Battery replacement for the splashproof version without battery access door): Remove the battery access door as described above (not applicable for the splash proof version). Loosen the 4 screws from the case bottom. Lift the end of the case bottom nearest the input jacks until it unsnaps from the case top. Replace the blown fuse(s) and/or the batteries of the splashproof version. Put back the case bottom; ensure that all the

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case bottom nearest the input jacks until it unsnaps from the case top. Replace the blown fuse(s) and/or the batteries of the splashproof version. Put back the case bottom; ensure that all the gaskets are properly seated and the two snaps on the case top (near the LCD side) are engaged. Re-fasten the 4 screws. Put back the battery access door and re-fasten the 2 screws (not applicable for the splash-proof version).



TEST CERTIFICATE	WARRANTY
TRMS ENHANCED PRACTICAL MULTIMETER	Each "KUSAM-MECO" product is warranted to be free from defects in material and workmanship under normal use & service. The warranty period is one year (12 months) and begins from the date of despatch of goods. In case any defect occurs in functioning of the instrument,
This Test Certificate warrantees that the product has been inspected and tested in accordance with the published specifications.	under proper use, within the warranty period, the same will be rectified by us free of charges, provided the to and fro freight charges are borne by you. This warranty extends only to the original buyer or end-user customer of a "KLISAM-MECO" authorized dealer
The instrument has been calibrated by using equipment which has already been calibrated to standards traceable to national standards.	This warranty does not apply for damaged Ic's, fuses, burnt PCB's, disposable batteries, carrying case, test leads, or to any product which in "KUSAM-MECO's" opinion, has been misused, altered, neglected, contaminated or damaged by accident or abnormal conditions of operation or bandling
MODEL NO	"KUSAM-MECO" authorized dealer shall extend this warranty on new and unused products to end-user customers only but have no authority to extend a greater or different warranty on behalf of "KUSAM-MECO".
SERIAL NO	"KUSAM-MECO's" warranty obligation is limited, at option, free of charge repair, or replacement of a defective product which is returned to a "KUSAM-MECO" authorized service center within the warranty
DATE:	Period. THIS WARRANTY IS BUYER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED
ISO 9001:2015 REGISTERED	WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. "KUSAM-MECO" SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING LOSS OF DATA, ARISING FROMANY CAUSE WHATSOEVER. All transaction are subject to Mumbai Jurisdiction.
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