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AUTHORIZED DISTRIBUTOR FOR TEST AND MEASURING INSTRUMENTS



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About Company

Established in the year 2001, Pravin Electronics & Electricals is a leading organization engaged in the business of Wholesaler, Trader, Supplier and Distributor of Digital Multimeter, Clamp Meter, Infrared Thermometer, Environmental Instruments, High Voltage Testing Equipment, Test And Measuring Instruments and much more. We are authorized dealer of a wide range of products. These offered products are widely valued for their quality. Offered products are designed by the usage of superb quality raw material and advanced tools at the end of our vendors. Moreover, these are accessible in different standard stipulations with us and could be modified according to the patron is requirements.

One Stop Solution for All Electronics & Electrical Products Since 2001

We are readily involved in offering outstanding quality in our offerings of products to our customers. Since we are backed by our marvelous team of highly skilled employees, quality is one arena where we stand apart from the competition. Moreover, to ensure the quality of our provided range of products, we make sure that these are processed under the strict guidelines by trusted authorities in order to attain maximum level of client gratification. The personnel under which these are getting developed are some of the best and qualified personnel available in the industry and thus are completing all the tasks within the promised frame of time.



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DIGITAL MULTIMETER

MEGGER AVO 410 TRMS



Features

- 6000 count backlit digital display
- True RMS reading on AC mode
- 1000 V DC/750 V AC ranges
- 10 A AC/DC ranges
- Resistance, frequency, and capacitance ranges
- CAT IV 600V safety rating

MECO 171B+TRMS



Features

- 3 5/6 Digits
- 6000 Counts
- TRMS
- Auto / Manual Ranging
- DC Voltage upto 1000V
- AC Voltage upto 750V
- DC Current upto 20A
- AC Current upto 20A
- Resistance upto 60MΩ

KUSAM MECO 822EX INTRINSICALLY SAFE TRUE RMS WITH PC INTERFACE



Features

- Splash / Drop Proof
- 1000V AC / DC
- Dual Display
- Backlit Display
- Beep-Jack Audible & Visible Input Warning
- Relative Zero Mode
- PC Interface Capability
- Data Hold
- Fuse 1A / 1kV (IR10kA) for mA & mA (1000V HRC Fuse)
- Fuse 11A / 1kV (IR20kA) for A (1000V HRC Fuse)
- 4 Digit 10,000 counts large easy to read Backlight LCD display



FLUKE 179 TRMS



Features

- 1000V AC/DC; 10A AC/DC (with test leads and current jacks); resistance to 50 MΩ; capacitance to 10,000 μF, frequency to 100 kHz; temperature from -40°C to 400°C
- Robust, fast and accurate with manual and automatic ranging, Display Hold, Auto Hold, and Min/Max-Average recording
- Backlit digital display, analog bar graph, and built-in temperature measurements with included thermocouple.

DIGITAL CLAMP METER

MEGGER DCM340



Features

- DC and AC current and voltage
- 600 A and 600 V
- Resistance and continuity
- 3 1/2 digit, 4000 count display with backlight
- High resolution digital bargraph
- Peak, min/max and data-hold functions
- Zero-offset REL mode for comparative measurements
- Supplied complete with test leads and carry case
- IEC61010 CAT III 600 V

MECO 3600+ 1200A DC / 1000A AC TRMS



Features

- Jaw Size: 55mm
- AC Current: 1000A
- DC Current: 1200A
- AC Voltage: 750V
- DC Voltage: 1000V
- True Rms Reading: AC Current
- Data Hold
- APO, Duty Cycle,
- Frequency 4200 Counts

KUSM MECO 2700 3 1/2 DIGIT 1999 COUNTS (300A) AC CLAMPMETER



Features

- Large LCD for easy reading
- Instant continuity buzzer
- Overload protection on all ranges
- Low battery indication
- Diode check
- AC Current: 0.01A ~ 300A
- AC Voltage: (50Hz~ 500Hz) 0.1V ~ 750V
- DC Voltage: 1mV ~ 1000V
- Resistance : 0.1OHMS ~ 200KMOHMS

WACO 2605A



Features

- Display - 3½ Digit (3999 Counts)
- DC Voltage - 400V-1000V
Accuracy - $\pm 0.5\%$
- AC Voltage - 400V--1000V
Accuracy - $\pm 1.5\%$
- DC Current - 400 A- 1000A
Accuracy - $\pm 0.8\%$
- AC Current -400 A- 1000 A
Accuracy - $\pm 2\%$

FLUKE 362



Features

- Thin, light, compact body design for one-hand operation
- 18mm triangular jaw allows for easy measurement on small cables
- Large, easy-to-read backlit display
- 200 A ac and dc current and 600V ac and dc voltage measurement range
- 3000 Ω resistance range, continuity detection
- Zero function allows the display to be cleared for DC measurements
- Data Hold function
- CAT III 600V safety rating



DIGITAL INSULATION TESTER

MOTWANE IT-51 5KV



Features

- Selectable Test Voltage from 250V, 500V, 1000V, 2500V, 5000V DC.
- Insulation Resistance Measurement up to $1T \Omega$
- PI & DAR Measurement Facility
- Short Circuit Current 2mA
- AC/DC Voltage Measurement up to 600V
- Three Programmable Timer from 0 sec to 99 minutes
- Internal rechargeable Battery.
- Safety - IP 54, CAT IV 600V and CE conformity
- Robust ABS body with self-carrying handle for easy portability
- Automatic discharge for capacitive circuits.
- Guard Terminal to minimize the surface leakage
- Pass - Fail Limit
- Auto Power Off

MEGGER BM5200 5KV



Features

- $1T \Omega$, 1.4 mA, 5 kV digital insulation tester with digital and analogue display
- Five test ranges; 250V, 500V, 1000V, 2500 V and 5000V
- Insulation (InS), Polarisation Index (PI) and variable timed test (t) modes
- Selectable DC or AC (including frequency) voltmeter functions
- Guard terminal to shunt surface leakage currents
- CAT III 600 V safety rating

MECO DIT954 5KV – 200GOHMS



Features

- 3½ Digit 1999 Count Large LCD Display
- Measurement of AC Voltage upto 600VAC
- Inbuilt Protection Circuit to prevent the harm of reverse Voltages.
- Battery Operated with AC Adaptor I Suitable for Calculating PI & DAR (Manually)
- Test voltage: 1000V / 2500V / 5000V DC
- Range : 0.1M OHMS to 200G OHMS
- Accuracy : ±(% reading + digits) at 23 DEGREE CELSIUS ±5 DEGREE CELSIUS ; RH<_75%

KUSAM MECO 2805 MK -1 5KV-1TOHMS



Features

- Display: Digital 9999 Counts large LCD Display with Analog Bar Graph.
- Display Range: 1MQ~20GQ/2MΩ ~40GQ/5MΩ~1006Ω/ 10M2~1000GQ
- DC Voltage: 30V~600V
- AC Voltage: 30V~600V (50/60Hz)
- Bright blue backlight for clear readings even in poorly lighted areas.
- Auto release voltage & Overload Protection.
- Current Consumption Approx 1A Maximum & Average.
- Computer connection via USB interface.
- Low battery indication & Auto Power Off.
- Power supply: 1.5V (LR 14) x 8 Alkaline batteries or power adaptor (input Voltage AC 230V, 50/60Hz, 230V, 150mA, output DC15V, 1.0A) (optionally available at extra cost).

WACO 5106 5KV



Features

- DISPLAY : 3½ digit (1999 count)
- Test of insulation voltage at 100/250/500/1000/2500/5000V
- Range : .01Mohm to 200Gohm
- Back light, Data hold, low battery indication & 1.5V battery 8 Nos power supply & AC adapter.

FLUKE 1507 1KV



Features

- Rugged, compact advanced insulation resistance tester for electrical contractors and industrial and commercial electricians
- Automatically calculates Polarization Index and Dielectric Absorption Ratio
- Makes repetitive tests simple and easy with a Compare (Pass/Fail) function
- Offers multiple insulation test voltages: 50V, 100V, 250V, 500V, and 1000V.

MECO MC-900 SERIES /MC-900BA



Model	Range	Test Voltage DC
MC-901/MC-901BA	0-20 M Ohms	100 V
MC-903/MC-903BA	0-100 M Ohms	500 V
MC-904/MC-904BA	0-500 M Ohms	500 V
MC-941/MC-941BA	0-1000 M Ohms	500 V
MC-906/MC-906BA	0-200 M Ohms	1000 V
MC-907/MC-907BA	0-500 M Ohms	1000 V
MC-981/MC-981BA	0-2000 M Ohms	1000 V

WACO ANALOGUE DISPLAY, METAL BODY, HAND DRIVEN, INSULATION TESTER



Features

- WACO ANALOGUE HAND DRIVEN GENERATOR TYPE METAL BODY INSULATION TESTERS are available from 100V to 5000V with respectively suitable resistance range.
- High sensitive cross coil indicator
- Collapsible Driven Handle-fold back flush into casing when not in use
- Special resistance range can also be manufactured against specific requirement .
- Multi range instruments are also manufactured provided with range selector switch.
- Guard Terminal & an externally accessible infinity adjuster are provided for instrument having insulation range 1000 megohms & above.
- Response Time : 3 seconds
- High Voltage Test : Withstands minimum 2000 Volts or (Rated voltage + 1000) Volts
- A.C. (rms) between the electrical circuit & the handle for one minute
- Insulation Resistance Test: Better than 50 Megohms at 500 V D.C. between the electrical circuit & the containing case

KYORITSU KEW 3125A



Features

- Insulation Resistance up to 1TΩ
- Short-Circuit Current up to 1.5Ma
- Wide Test Voltage from 250V to 5000V
- Diagnosis Function of PI and DAR
- Newly-designed alligator clip
- It comes with a tough hard case
- Filter function reduces noise interference for obtaining stable measurement
- Large display with Bar Graph indication and backlight
- Live voltage warning
- Safety standard IEC 61010-1 CAT IV 300V / CAT III 600V

DIGITAL CLAMP ON EARTH RESISTANCE TESTER

MOTWANE DECT-2



Features

- CLAMP-ON GROUND RESISTANCE TESTER
- 65*32mm jaw size for larger ground rods
- Autoranging ground resistance measurement from 0.01 to 1000 ohms with 0.001-ohm resolution.
- Configurable alarm value in resistance and current to support your measurement.
- Ergonomic mold, full rubber coating, and hand strap for slip-proof.
- Datalogging with 99 data points.
- Verification resistor confirms the accuracy of the meter.
- Complete with heavy-duty case and verification resistor

MECO 4680BLC



Features

- Non Contact Ground Resistance Measurement
- No Auxiliary Electrodes Needed
- Data Storing Memory
- Data Hold, Noise Signal
- Ground Resistance Measurement 0.01Ω ~ 1000Ω
- Suitable for Earthing Strip of 65mm x 32mm
- Leakage Current (0.5mA ~ 30.00A) (Model : 4680BLC)
- Auto Ranging
- Continuity Loop Test
- Auto Power Off

KUSAM MECO 1620



Features

- Resistance: 0.010 OHMS ~ 1200 OHMS
- Resistance Resolution : 0.001 OHMS
- Resistance Frequency : >1KHz
- External Magnetic Field: < 40A / m
- External Electric Field: < 1V / m
- Power supply : 4 X AAA alkaline dry battery (6V)

KYORITSU KEW 2434 DIGITAL AC LEAKAGE CURRENT CLAMP



Features

- Least affected by external stray magnetic field.
- 20mA AC max. in proximity to a 15mm-dia conductor carrying 100A AC
- Frequency Selector Switch to eliminate the effect of harmonics.
- Resolution 0.1mA.

DIGITAL EARTH RESISTANCE TESTER

WACO DET MID (RANGE : 0Ω-10Ω-1000Ω)



Features

- Measurement Range (0-10-1000ohms)
- Rugged ABS body
- Easy to use hand held meter
- Ni-cd Re-chargeable Cells
- Confirms to ISS: 9223/1979
- Four terminals {To measure earth resistance as well as specific soil resistivity}
- Lo-Bat or A indication appears on Display indicating that the the cells (batteries) have gone down, which can be recharged by connecting to 230V, 50 Hz AC mains supply through charging cord provided with the instrument

KUSAM MECO 1520



Features

- Earth Resistance Measuring range: 0-20Ω/200Ω/2000Ω
- Measure Earth Voltage (VAC):0-200VAC
- Accuracy:
Earth Resistance: $\pm(2\%rdg + 2dgts)$ or $\pm 0.1\Omega$ which is greater.
Earth Voltage: $\pm(1\%rdg + 2dgts)$
- Earth Resistance Resolution : 0-20Ω (0.01Ω); 0-200Ω (0.1Ω); 0-2000Ω (1Ω)
- Display LCD :- 3½ Digit 2000 counts LCD Back-light display.
- Power Supply : 1.5 V X 6.Type AA batteries.

CEM DT5300B



Features

- Earth resistance range 20Ω, 200Ω, 2000Ω
- Multimeter function Range 200kΩ, 750VAC, 1000VDC
- Power source 6x1.5V Size "AA" battery or Equivalent (DC9V)
- Extra Large LCD Display
- Earth Resistance and Battery conditions can be displayed together.
- Earth Voltage measurement Meets IEC:61010-1, CAT-III 1000V
- Test Hold Function for Hands free operation
- Automatic Zero Adjustment

MEGER DET4TD & DET4TR2



Features

- IP54 rated
- 2, 3 and 4 point testing
- Selectable 25V or 50V output
- Dry cell or rechargeable versions
- Simple one button operation
- Robust carry case
- Resistance range 2, 3, 4 pole: 0.01 Ω to 200 K ω
- Voltage: ± 25 V or ± 50 V at 94 Hz, 105 Hz, 111 Hz and 128 Hz
- Current: 4.5 mA or 0.45 mA or 0.045 Ma

KEW 4105A



Features

- Dust and drip proof.(designed to IEC 529 IP54)
- In addition to the facility for precision measurement, test leads for simplified two wire
- measuring system also supplied as standard accessories (unit can be hung from the neck for simplified measurement)
- Designed to meet IEC 61010-1 safety standard.
- Capable of measuring earth voltage.
- Automatic warning when resistance of auxiliary earth spikes is in excess of tolerance.
- Small and lightweight. Shock resistant new case material.
- 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test.
- Earth resistance measurement Measuring range : 0.00 - 1999 Ω
- Earth voltage measurement Measuring range : 0 - 200 V AC (50,60Hz)

WACO ANALOGUE EARTH TESTER (DUAL RANGE: 0-10-1000 Ω)



Features

- Silent Generator with Collapsible Handle
- Centrifugal Clutch (Governor) For Constant Output Voltage
- Chuck Nut Locking Arrangement to Prevent Anti-Clockwise Rotation
- Anti Magnetic Aluminium Body with Protected Metallic Flap Over Glass Window of Scale
- Accurate, Reliable and Quick Response For Measurement of Resistance of Earth
- Accuracy CONFIRMS to IS : 923/1979
- Graceful Appearance, Long Life & Strength Against Vibration & Impact

THERMAL IMAGING CAMERA

MEGGER TC3231



Features

- 2.2 inch (55.88 mm) 320 x 240 TFT LCD display
- 32 x 31 pixel resolution IR temperature measurement
- Measurement range -20° to 300°C / -4°F to 572°F
- Adjustable emissivity
- Micro SD memory for storing up to 6000 images
- High and low alarm (enable and disable)
- Selectable colour palette
- Image blending with selectable distance of 0.5 m, 1 m, 2 m, or 3 m

FLUKE TC01A



Features

- 256 x 192 pixels, detailed image quality
- Up to 550 , suitable to use in many applications
- $\pm 2\%$ or $\pm 2^{\circ}\text{C}$ accuracy to ensure reliable results
- 25Hz frame rate for smooth video recording
- Customize image view with more than 10 standard or custom color palettes
- Never miss any detail with real-time high and low temperature capture
- Adjustable emissivity to apply with different materials
- Comprehensive temperature analysis for spot, line and area, supported with professional thermal imaging mobile software
- Real-time temperature alarm for timely response of abnormal condition
- Automatic time-lapse capture mode for unattended operation
- Share and manage images and videos in real-time, for fast and efficient communication
- Up to 1 meter drop test, IP56 (TC01B)/IP54 (TC01A) ingress protection, adhering to the Fluke durability and quality

INFRARED THERMOMETER

MECO IRT600TC



Features

- Range : $-50^{\circ}\text{C} \sim 600^{\circ}\text{C}$ / $-58^{\circ}\text{F} \sim 1112^{\circ}\text{F}$
- Distance Spot Ratio : 12:1
- Emissivity : 0.1 ~ 1.0 (Adjustable)
- $^{\circ}\text{C}$ / $^{\circ}\text{F}$ Selection
- Laser Switch
- Auto Power Off
- Low Battery Indication
- Backlight Colour Display

KUSAM MECO IRL 1600



Features

- High / Low Temperature Alarm Setup
- Two Laser Target Pointer Selection.
- Max / Min / Avg / Dif Temperature Measurement.
- $^{\circ}\text{C}$ / $^{\circ}\text{F}$ select switch.
- Backlight display selection
- Data Hold Function
- Auto Power Off.
- Low Battery Indication
- Temperature Range : $-50 \sim 1600^{\circ}\text{C}$ ($-58^{\circ}\text{F} \sim 2912^{\circ}\text{F}$)
- Power Supply: 9V Battery.

FLUKE 62 MAX



Features

- -30°C to 500°C (-22°F to 932°F)
- Optical resolution : calculated at 90 % energy)
- Response time (95 %) < 500 ms (95 % of reading)
- Battery life 10 hours with laser and backlight on

CEM DT820V

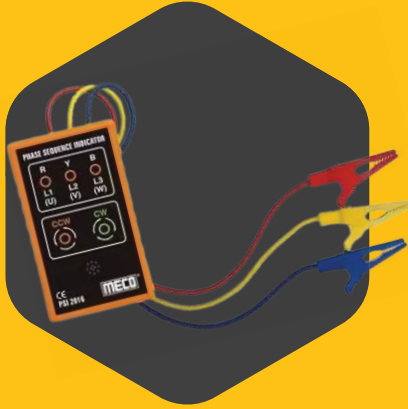


Features

- RANGE: -50°C to 500°C / -58°F to 932°F
- Distance to Spot size: 12:1
- Response Time: Less than 150 ms
- Basic Accuracy: $\pm 1.0\%$ of reading
- Resolution: $0.1^{\circ}\text{C}/^{\circ}\text{F}$
- User selectable $^{\circ}\text{C}$ or $^{\circ}\text{F}$
- Targeted scanning for higher/lower temperature
- Automatic Data Hold
- Auto Power Off
- Over range indication
- Max, MIN, display

PHASE SEQUENCE INDICATOR

MECO PSI 2016



Features

- Voltage Range (PH-PH)
100 – 600V AC
- Frequency Range 40 – 400Hz
- Phase Sequence Indication
via LED & Buzzer
- Reverse Phase Indication
via LED & Buzzer
- Open Phase Indication
via LED & Buzzer
- Rugged & Handy
Easy & Safe to Use
- Coloured Test Probes
with Heavy Duty Insulated
Crocodile Clips for R, Y, B Phase
Connections
- Phase Presence Indication
from as low as 60 V AC (PH-N)

FLUKE 9062



Features

- VOLTAGE RANGE :
UP TO 400V
- PHASE DISPLAY :
120-400V AC
- Frequency range :
2-400 Hz
- 3 phase indication
- Indication of phase rotation
- Indication of motor rotation direction
- Contact free determination of
the rotation direction of
running motors

KM 981 MK-1



Features

- Description : It is used to measure the Phase sequence (R,Y,B) & Open phase Condition through LED and Buzzer.
- Operational Voltage : 60 ~ 600V (3 phase AC) (KM-981-MK-1); 200V ~ 600V AC (KM 855 PR)
- Dielectric Strength : 2000V / minute (impulse Voltage 4000V) (Model KM-981-MK-1)
- Measuring frequency range : 20Hz ~ 400Hz (KM-981-MK-1); 50Hz ~ 60Hz (KM 855 PR)

KEW 8031



Features

- Digital Phase Indicator with open phase checker.
- Phase indicator designed to check the presence of open phase and also the phase sequence by LED and buzzer at the same time.
- Small, lightweight, and portable.

TACHOMETER

KUSAM MECO KM 2234BL (NON- CONTACT TYPE) 5-9999 / 99,999RPM



Features

- **Display** : 5 digits, 18mm (0.7") LCD White Backlight display
- **Sampling Time** : 0.8 sec. (Over 60 RPM)
- **Test Range** : Autoranging
- **Range I** : 2.5-99999 RPM Hz: 0.05~1666Hz
- **Accuracy** : + (0.05%+ 1dgt) 0.1 RPM (2.5~999.99 RPM)
- **Resolution** : 1 RPM (over 1000RPM) 0.01Hz (0.05~99.99Hz)
- 0.1Hz (over 100Hz)
- **Memory** : Max value, Min value & Last value automatically stored in memory & save 96 set of continuous data.
- **Detecting Distance** : 50 to 500mm
- **Operating Temperature** : 0-50 °C
- **Operating Humidity** : Less than 80% RH
- **Power Supply** 3 x 1.5V AA Size Battery

LUTRON DT-2236 DIGITAL PHOTO/CONTACT TACHOMETER



Features

- World's patent, Multi-functions, one instrument combine Photo Tach.(RPM) & Contact Tach. (RPM, m/min., ft/min.).
- Wide measuring range from 0.5 to 100,000
- 0.1 RPM resolution for the measured value < 1000 RPM.
- High precision with 0.05% accuracy.
- The last value, max., value, min. value will be stored into the memory automatically & can be obtained by pressing MEMORY CALL BUTTON.
- Measurement & Range:
- Photo Tachometer : 5 to 99,999 RPM.
- Contact Tachometer : 0.5 to 19,999 RPM.
- Surface Speed : m/min. -0.05 to 1,999 m/min.
- ft/min. -0.2 to 6,560 ft/min.

Resolution:

RPM:

- RPM (< 1,000 RPM).
- RPM (≥ 1,000 RPM).

m/min.:

- m/min. (< 100 m/min.).
- m/min. (≥ 100 m/min.).
- m/min. (≥ 1000 m/min.).

ft/min.:

- ft/min. (< 1,000 ft/mn.).

FLUKE 931



Features

- Range : Optical (non-contact) measurement: 1 to 99999 revolutions/minute Contact measurement: 1 to 19999 revolutions/minute (Fluke 931 only)
- 6-digit backlight display reads the data clearly
- Signal detection reminder avoids invalid detection actions
- Maximum/minimum/average value and final readings
- Setting/Turning off the automatic power-off function
- Small size and easy to hold
- Easy switching of the contact and non-contact measurement modes
- Different speed measuring heads and rotational speeds adapt to different measurement occasions
- 1-year warranty

LUX METER

MECO 930P



Features

- Functions : MAX / MIN, Backlight, Auto Power Off
- Range : 0 ~ 200,000 lux / 0 ~ 20,000 fc
- Accuracy : $\pm 5\% \text{ rdg} + 10 \text{ dgt}$ ($< 10.000 \text{ lux} / \text{fc}$) $\pm 10\% \text{ rdg} + 10 \text{ dgt}$ ($> 10.000 \text{ lux} / \text{fc}$)
- Resolution : 0.1 lux or 0.1 fc
- Selection : lux / fc
- Power : 9 V Battery

KUSAM MECO KM-LUX-200K



Features

- Range : 200, 2000, 20000, 200000Lux.
(4 Ranges)
- Accuracy : $\pm 3\% \text{rdg} \pm 0.5\% \text{f.s.}$ ($\pm 5\% \text{rdg} \pm 10 \text{dgt}$ as $> 20,000 \text{Lux} / 2000 \text{FC}$ range)
- Resolution : 0.1Lux & 0.01FC
- Power : DC 9V battery

LUTRON LX 101A



Features

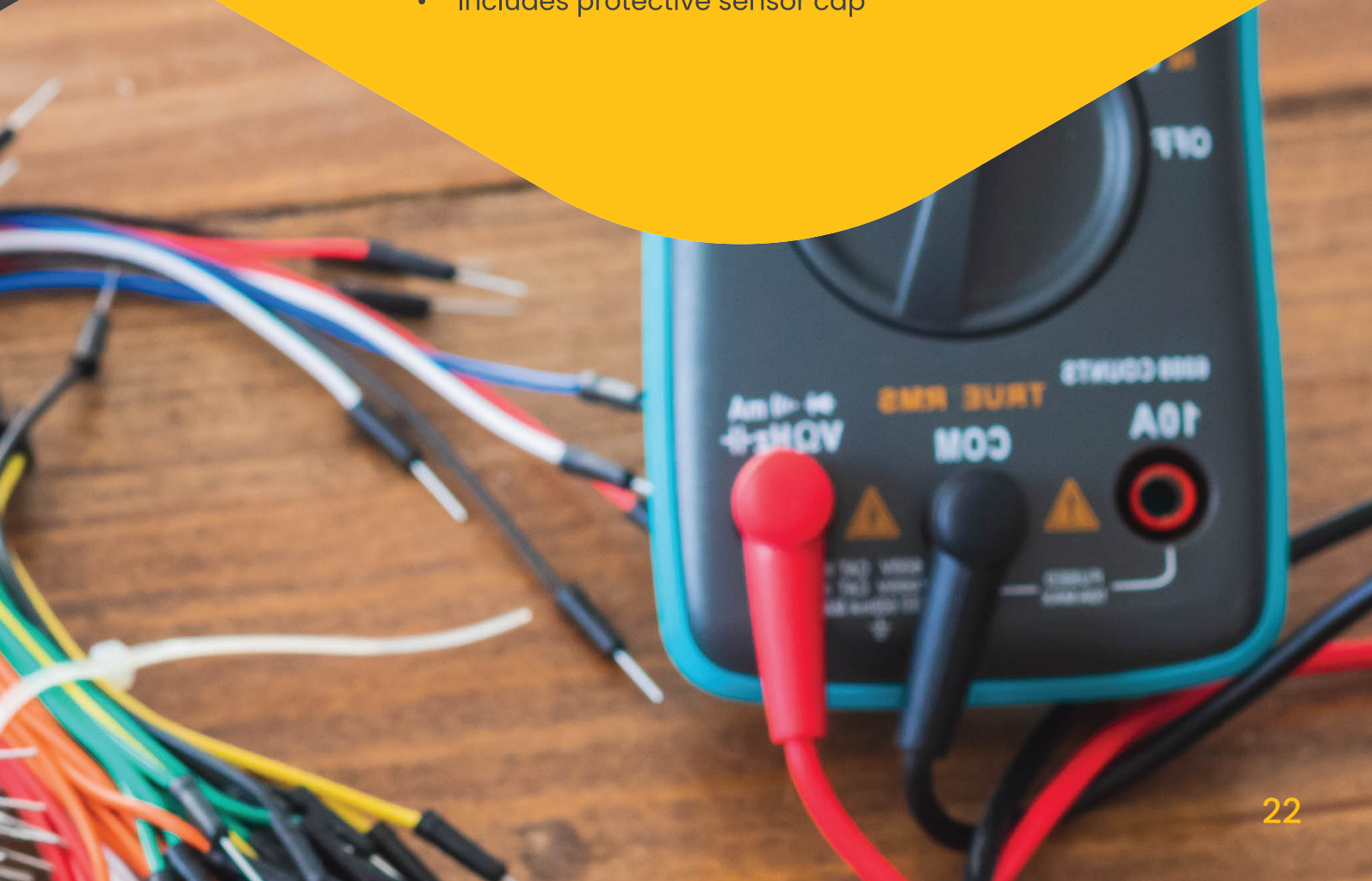
- LSI-circuit use provides high reliability and durability.
- LCD display provides low power consumption
- Range : 0 to 50000 Lux, 3 Ranges
- Accuracy $\pm (5 \% + 2 d)$
- Power :DC 9V battery. 006P, MN1604 (PP3) or equivalent

FLUKE 941



Features

- Range : 20,200, 2000, 20000, 200000Lux
- Power : 9V NEDA 1604, IEC 6LR61
- Measure in lux or foot-candles, with one button to switch between display options
- Data hold to freeze reading on the digital display
- Min/max ability to show high and low readings
- Auto power off to save battery life
- Includes protective sensor cap



SOUND LEVEL METER

MECO 970P



Features

- Functions : MAX / MIN / HOLD, Auto Power Off
- Range : 35 dB ~ 130 dB (31.5 Hz ~ 8 kHz)
- Accuracy : ± 1.5 dB (under reference condition)
- Resolution : 0.1 dB
- Power : 9 V Battery
- Dimension : 172 x 56 x 39 mm (approx)
- Accessories : Carrying Case, Inst.Manual, 9 V Battery (installed)

KUSAM MECO 929 MK-1



Features

- A/C Frequency weighting selection
- Measuring Range : 30 ~ 130 dBA, 35 ~ 130 Dbc
- Accuracy : ± 1.5 dB (under reference condition)
- Resolution : 0.1 dB
- Automatic Backlight
- Auto Power off 10 minutes
- PWM signal output
- Calendar function
- 4700 data record function

LUTRON SL-4030



Features

- Measuring Range : 35 to 130 dB
- Accuracy : 23 ± 5 %
- Resolution : 0.1 dB
- Power : 9 V Battery
- It has a build-in adj. VR is available for easy calibration
- This Sound Level meter designed small and lightweight to allow one-hand operation
- Hold function to freeze the display value.
- Indicates when battery is low
- Warning indicator for over and under range.

FLUKE 945



Features

Measurement parameter	Range	Resolution	Accuracy
Measurement of environment noise (A weighted)	30 to 130 dB	0.1 dB	± 1.5 dB (ref 94dB@1KHZ)
Measurement of mechanical noise (C weighted)	35 to 130 dB	0.1 dB	± 1.5 dB (ref 94dB@1KHZ)

- Max/Min
- Frequency weighting ranges: A, C
- Auto power off
- Auto ranging
- Backlit display

DIGITAL ANEMOMETER

MECO 961



Air Flow Measuring

- Functions : m / Sec, Ft / min, Knots, Km / h, MPH, CFM, MAX / MIN / HOLD, Auto Power Off
- Range : 1 ~ 25 m / s
- Accuracy : $\pm (3\% \text{ rdg} \pm 0.2 \text{ m / s})$
- Resolution : 0.01 m / s

Temperature Measuring

- Range : 0 ~ 50°C, 32 ~ 122°F
- Accuracy : $\pm 2^\circ\text{C}$ / $\pm 4.0^\circ\text{F}$
- Resolution : 0.1°C / 0.1°F
- Power : 9V Battery

KUSAM MECO 908 MK-1



Features

- Measuring Items : Air Velocity & Air Temperature
- Measuring range:
- Air Velocity : 0 ~ 45 m/s, 0 ~ 140 km/hr, 0 ~ 8800 Ft/min, 0 ~ 88Knots, 0 ~ 100 mph (Accuracy: $\pm 3\%$)
- Air Temperature: 0 ~ 45°C, 32 ~ 113°F (Accuracy $\pm 2^\circ\text{C}$)
- Resolution: 0.2 °C, 0.1m/s
- Power : 9V Battery

LUTRON AM-4201



Features

- Measuring Items : Air Velocity
- Measuring range:
- Air Velocity : 0.4 to 30.0 m/s (ACCURACY: $\pm (2\% + 1 d)$)
- Resolution: 0.1 m/s
- Power : 9V Battery

FLUKE 925 ESP



Features

- Ability to measure wind speed in feet per minute or meters per second
- Data capture using one button and the ability to average multiple readings
- Min and Max alarm setting to alert the user when limits have been met
- Durable over mold housing to protect the unit from drops
- 1 M extension of sensor from display to ensure air flow is captured in hard to reach locations

VIBRATION METER

KUSAM MECO KM 3961



Features

- Use the high - performance acceleration meter, realize the repetitiveness and accurate measurement. Bearing condition monitoring function.
- LCD digital display.
- Lightweight and easy to use
- Wide frequency range (10Hz ~10kHz) in acceleration mode.
- AC output socket for headphones and recording.
- Optional head phones for use as electronic stethoscope.
- Can communicate with PC computer for statistics and printing by the optional cable and the software for RS232C interface
- Velocity : 0.01- 400.0 mm/s true RMS 0.000-16.00 inch/s
- Acceleration : 0.1- 400.0m/s² equivalent peak 0.3 - 1312 ft/s²
- Displacement : 0.001 - 4.000mm; 0.04 - 160.0 mil, equivalent pk-pk
- RPM (r/min) : 60 - 99,990 r / min
- Readings should be multiplied by 10 if the display show '10'.
- Frequency : 1 - 20 kHz

LUTRON VB-8201HA



Features

- Measurement Velocity, acceleration, rms value, peak value, data hold, Max min value.
- Range Velocity-200 mm/s : 0.5 to 199.9 mm/s
- Acceleration-200 m/s² : 0.5 to 199.9 m/s²
- Frequency range 10 Hz to 1 KHz
- Accuracy $\pm (5 \% + 2 d)$ reading @ 80 Hz, 160 Hz, @ $23 \pm 5^\circ$
- Calibration point Velocity- 50 mm/s (160 Hz)
- Acceleration- 50 m/s²(160 Hz)
- Power consumption Approx. DC 6 mA.

FLUKE 805FC



Features

- Low frequency range (overall measurement)
10 Hz to 1,000 Hz
- High frequency range (CF+ measurement)
4,000 Hz to 20,000 Hz
- Severity levels Good, satisfactory, unsatisfactory, unacceptable
- Vibration limit 50 g peak (100 g peak-peak)
- A/D converter 16-bit
- Signal to noise ratio : 80 dB
- Sampling rate Low frequency: 20,000 Hz,
High frequency: 80,000 Hz
- Real time clock backup Coin battery

STROBOSCOPE

LUTRON DT-2239A



Features

- Display 0.3" LED, 4 digits.
- Stroboscopic Flash Rate -100 to 10,000 flashes per minute(fpm)
- Accuracy 100 to 5,000 FPM/RPM) ± 1 digit. over 5000 FPM/RPM $\pm 0.05\%$.
- Resolution Less than 10,000 FPM/RPM- 1 FPM/RPM. Over 10,000 FPM/RPM
- Power Supply 110 Vac 10%, 50/60 Hz. or 220 Vac 10%, 50/60 Hz. or 230 Vac 10%, 50/60 Hz.
- Power Consumption - Less than 30 Watt.
- Operating Temp. 0 to 50 °C (32 to 122 °F).
- Operating Humidity: Less than 80% R.H.
- Dimension HWD - 21 x 12 x 12 cm - (8.3x4.8x4.8 inch). 10FPM/RPM

LUTRON DT-2259



Features

- Accuracy : \pm (0.1 % + 2 digit)
- Weight : 300 gm
- Brand : Lutorn
- Model No : DT-2259
- Display : 5 digits,10 mm
- Sampling Time : 1 second (60 RPM)
- Time Base : Quartz Crystal
- Battery : 4 x 1.5V AA (UM-3) battery
- Operation Temperature : 0 - 50 deg C (32 - 122 deg F)
- Operating Humidity : Less than 80% RH
- Size : 215 x 65 x 38 mm
- Measurement Range : 5 to 99,999 RPM

LUTRON DT-2349



Features

- Display :5 digits (0 to 99999) LCD display.
- Flash adjust range :60 to 30,000 RPM/FPM.
 - * RPM : round per minute.
 - * FPM : flash per minute.
- Resolution :0.1 RPM :< 1,000 RPM.
- 1 RPM :>1,000 RPM
- Function buttons :Digital rotate knob, x 2 button, ÷ 2 button, + button, - button,
- Accuracy :± (0.05 % + 1d)
- Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.
- Power Supply :110 Vac ± 10%, 50/60 Hz. or 220 Vac ± 10%, 50/60 Hz. or 230 Vac ± 10%, 50/60 Hz.



HYGRO- THERMOMETER

MECO 920P



Humidity Measuring

- Functions : °C / °F / RH Selection, MAX / MIN, Auto Power Off
- Range : 0% ~ 100% RH
- Accuracy : $\pm 3\%RH$ (25°C, 20 ~ 80% RH), $\pm 3.5\%RH$ (At Other Ranges)
- Resolution : 0.01%RH

Temperature Measuring

- Range : -20°C ~ 80°C / -4°F ~ 176°F
- Accuracy : $\pm 0.5^\circ C$ / $\pm 0.9^\circ F$ (25°C), $\pm 0.8^\circ C$ / $\pm 1.5^\circ F$ (At Other Ranges)
- Resolution : 0.01°C / 0.01°F
- Power : 9V Battery

KUSAM MECO KM 918B



Features

- Indoor / Outdoor Temperature & Indoor Humidity display.
- Temperature Indication in °C / °F changeable.
- Memory of MAX / MIN values of indoor & outdoor temperature.
- Display of comfort degree :
 - ☺ appears @ indoor Temperature : 18°C ~ 25°C (64°F ~ 77°F) & Indoor Humidity : 40% RH 65% RH
 - ☹ appears @ other indoor Temperature & Indoor Humidity.
- Low battery indication.

FLUKE 971



Features

- Backlit dual display of humidity and temperature
- Measures dew point and wet bulb temperatures
- 99 record storage capacity
- Ergonomic design with belt clip and protective holster
- Quick-response capacitance sensor
- Compact and lightweight (188 g /6.6 oz)
- Temperature range from -20 °C to 60 °C (-4 °F to 140 °F)
- Relative humidity from 5% to 95%
- Min/Max/Avg Data hold
- Low battery indicator

UV LIGHT METER

LUTRON UV-365A



Features

- Long wave 365 nm ultra-violet irradiance measurement.
- Professional, high quality UVA meter.
- Wide measurement range, 199.9 $\mu\text{W}/\text{cm}^2$, 1.999 mW/cm^2 and 19.99 mW/cm^2 .
- Microprocessor circuit assures maximum possible accuracy, provided special functions and features.
- Exclusive UVA sensor with correction filter.
- Super large LCD display, easy readout.
- Heavy duty & compact housing case.
- Records Maximum, Minimum with recall.
- Data hold.
- Auto power off saves battery life.
- Operates from 9V battery.
- RS232 PC serial interface.
- Zero adjustment by push button.

LUTRON UV-340A

Features



- Professional, high quality UV meter.
- Ultra-violet irradiation measurement for UVA & UVB.
- UV detector spectrum from 290 nm to 390 nm.
- Hi, Lo measurement range. 19990 and 1999 $\mu\text{W}/\text{cm}^2$.
- Exclusive UV sensor structure. S
- Sensor with cosine correction filter.
- Build Zero button.
- Microprocessor circuit provides high reliability and durability.
- Separate UV LIGHT probe allows user to measure the UV light at an optimum position.
- LCD display, easy readout.
- Heavy duty & compact housing case



LCR METER

MECO LCR999A



Features

- Basic measurement accuracy 0.1% & speed upto 10 meas / sec
- Large LCD display with bright white backlight
- Ultra low power consumption, battery powered for 24 hours of continuous use
- Automatic identification function (Ai).
- Percentage display & 4 tolerance comparator : 1%, 5%, 10% & 20%
- 9V battery & External power supply
- Automatic correction function with datahold, max. / min. / average recording
- Utility function configuration & current setup recovery after power off
- Standard Mini-USB interface, SCPI compatible
- Auto power Off
- Constant output impedance : 100 ohm

KUSAM MECO KM 461



Features

- Test Frequenc: 100 Hz-100 KHz
- Display : LCD
- Measuring Ranges : (L) 0-2000 H, (C) 0-20 mF, (R) 0-20 M Ω
- Adjustability : 1 Hz



AMPROBE LCR55A



Features

- The ultimate component checker measures inductance, capacitance, resistance, transistors, diodes and microwave diodes
- Plug-in test slots and test leads with threaded alligator clips
- Oversized, digital display
- Data hold and max hold
- "Zero adjust" pot for Ohms
- Low battery indication
- Auto-power off

LUTRON LCR-9184



Features

- 19,999/1,999 counts dual LCD display.
- AutoLCR smart check and measurement.
- Serial/Parallel modes are selectable.
- Ls/Lp/Cs/Cp with D/Q/θ /ESR parameters.
- Support DCR mode 1.00 Ω to 200.0 MΩ.
- Five different test frequency are available : 100 Hz/120 Hz/1 KHz/10 KHz/100 KHz.
- Test AC signal level : 0.6mV rms typically.
- Test range: (ex. F = 1 KHz) L: 200.00 uH to 2000.0 H C: 2000.0 pF to 2.000 mF R: 20.0002 to 200.0 MΩ
- Multi-level battery detector.
- LCD with green light backlight, easy reading.
- RS232/USB PC Computer interface.
- Can default auto power off.

VOLTAGE DETECTOR

MECO NCVD-1000S NON-CONTACT VOLTAGE DETECTOR



Features

- Functions : Safe Non Contact Voltage Detection, LED Light / Torch
- Voltage Range : 90 ~ 1000V AC
- Frequency Range : 50 ~ 60Hz
- Alarm Mode : Bright RED LED with Audible Sound (Buzzer)
- Torch : White LED Illumination
- NCV Sensitivity : Fixed
- Measurement Category : CAT-III, 1000V AC
- Auto Power Off : 5 Min (Approx.)
- Power : 1.5V AAA x 2 Batteries

MOTWANE HV-50



Features

- Colour Code models for different voltage levels.
- Non-contact / Contact type Detectors.
- Indicates presence of High Voltage by Audio Annunciations as well as Visual Indications. Bright high intensity red LED's provide clear visual Bullet even in unfavourable daylight conditions.
- A Buzzer produces a loud beep which is audible even in noisy backgrounds.
- Supplied as a complete kit with HV Detector, Telescopic Fibre Glass Insulation stick and ergonomically designed sturdy carry bag.
- Self test button to test battery and proper functioning of HV detector.
- Powered by a single 9V battery type (6F22), easily replaceable on field.
- Type tested at CPRI/ERDA Available in FRP Telescopic Rod / FRP Sectional Hot Stick Rod in 1.2/3/5 mtr.
- Voltage Range: 3.3kV - 50Kv
- Type : Non Contact

KUSAM MECO KM 275HP



Features

- 8 Voltage Settings: 240V, 2KV, 6KV, 11KV, 22KV, 33KV, 132KV and 275KV AC (Model 275HP)
- 10 Voltage Settings: 240V, 3.3KV, 11KV, 22KV, 33KV, 66KV, 110KV, 220KV, 330KV, 500KV (Model 500HP)
- Self test selection.
- High bright LEDs visual indication.
- Sound indication.
- Use 3 x 1.5V "C" batteries
- Easy access to batteries.
- High impact nylon casing.
- Sealed by "O" rings
- Suitable for indoor and outdoor use.
- Non-contact work by proximity.
- Detect low voltage on any systems.
- Compatible with most link sticks
- Light weight, robust, & compact.
- Weight: Approx. 500g.

MEGGER VF5



Features

- AC non-contact voltage detector
- 12 V to 1000 V voltage range
- Visual, audible, and vibration warning of low and medium voltages
- Durable rubber over-moulded body
- Built-in bright-white LED torch

FLUKE 1AC-A1-II



Features

- Voltbeat™ technology and continuous self-test – so you always know it's working
- Upon detection, tip glows and beeper sounds
- CAT IV 1000 V for added protection
- Expanded range: 90 V AC to 1000 V AC
- 20 V to 90 V AC control circuit model also available
- Two-year warranty
- Batteries included
- On/Off Button
- Audible/Silent
- 5 pack

MANOMETER

TESTO 510



Sensor type	Differential pressure sensor
Measuring range	0 to 100 hPa
Accuracy +1 digit	±0.03 hPa (0 to 0.30 hPa) ±0.05 hPa (0.31 to 1.00 hPa) ±(0.1 hPa + 1.5% of m.v.) (1.01 to 100 hPa)
Resolution	0.01 hPa
General technical data	
Positive pressure	500 mbar
max. static pressure	1.5 bar
Operating temperature	0 to +50 °C
Storage temperature	-40 to +70 °C
Selectable units	hPa, mbar, Pa, mmH ₂ O, inH ₂ O, inHg, mmHg, psi, m/s, fpm
Protection class	IP40
Battery type	2 AAA micro batteries
Battery life	50 h (average, without display illumination)
Measurement rate	0.5 s
Dimensions	119 x 46 x 25 mm
Weight	90 g (with batteries and protective cap)



DIGITAL RCD/ELCB TESTER

KUSAM MECO KM 1812ELB



Features

- Current Setting : 3mA, 5mA, 7mA, 10mA, 15mA, 20mA, 30mA, 35mA, 50mA, 100mA, 125mA, 150mA, 175mA, 250mA, 300mA, 375mA, 500mA
- Current Selection : Rotary switch selector
- Phase Start Selection : Referenced to Earth
- 0° and 180° : Yes
- Over temperature Protection : Yes (3 sensors)
- Wiring Correctness Indication : Yes (LEDS)
- Trip Indicator : Yes (LCD)
- Phase Polarity Trip Indicator : Yes (LCD) Referenced to Earth
- Operating Voltage (L-E) : 1812EL-A 240 Vac; 1812EL-B 230 Vac; 1812EL-C 220 Vac; 1812EL-D 110 Vac
- Voltmeter (L-E) : 20 Vac – 280Vac
- Timer Resolution : 1ms (Max time = 2.999s)
- Timer Accuracy : 1ms±1ms
- Current Accuracy : ±5% ±1mA
- Voltmeter Resolution : 1Vac
- Voltmeter : ±2% ± 1Vac

KYORITSU KEW 5406A



- Rated Tripping Current : 10/20/30/200/300/500mA
- Fault Condition Settings : $\times 1/2$, $\times 1$, $\times 5$, $\times DC$, AUTO RAMP
- Trip Current Duration : 1000ms, 200ms ($\times 5$)
- Lowest Resolution : 1ms
- Trip Time Accuracy : $\pm 0.6\%rdg \pm 4dgt$
- Operating Voltage : 230V+10%-15% (195V – 253V) 50Hz
- Safety Standard : IEC 61557-1,-6
- IEC 61010-1 CAT III 300V
- IEC 61010-2-031 Pollution Degree 2
- Withstand Voltage : 3700V AC for 1 minute

LASER DISTANCE METER

MEGGER MLM50



Features

- 50 m range
- Accuracy 1.5 mm (up to 10 m range)
- Automatic Max/Min measurements
- Ranges can be in meters, feet, and inches
- Area calculation
- Volume calculation
- 20 measurement memory
- Supplied with protective carry pouch
- Built-in spirit level

MECO LDM60



Features

- Display Illumination [Backlight]
- Min / Max, Measurement / Continuous Measurement
- Addition / Subtraction
- Pythagoras Measurement
- Area / Volume Calculation
- Wall Area Measurement
- Triangular Area Measurement
- Stake out Measurement
- Front / Back Benchmark Measuring Datum Selection
- Range : 0.05 ~ 60m
- Measuring Accuracy upto 60 / 100m [in the room] : $\pm 1.5\text{mm}$
- Measurement Time : 0.25 ~ 1s
- Units : m / in / ft / ft'in" m / in / ft / ft'in"



FLUKE 405E



Features

- Range : 0.2 to 40 m
- Accuracy* in favorable condition :
 $\pm(2.0\text{mm}+5 \times 10^{-5}\text{D})$
- Accuracy in unfavorable condition :
 $\pm(3.0\text{mm}+29 \times 10^{-5}\text{D})$
- Units : m / ft / in / ft+in

ULTRASONIC THICKNESS METER

KUSAM MECO KM 131D



Features

- Measuring range : 1.00~225.0mm
- Data storage : 500
- Operation frequency : 5MHz
- Measurement error : $\pm(0.5\%H+0.05)$ mm
- Lower limit of pipe measurement : $\Phi 20 \times 3$ mm (steel)
- Adjustment range of sound speed : 1000~9999m/s
- Temperature range of operation : 0~40°C
- Battery : 3 Ni-MH rechargeable batteries of 1.2V
- USB charging : 5V 1A



COATING THICKNESS GAUGE

KUSAM MECO KM 8042



Features

- Digital display : 4 digitals.
- Measurement range: 0~1200 µm.
- Resolution: 1 µm.
- Accuracy: $\pm (3\%H + 2 \mu m)$
- Measurement rate: 0.5 second.
- Display units: µm or mil.
- Critical thickness of metallic base: 1mm.
- Minimum thickness of metallic base: 0.2mm.
- Minimum curvature radius: protruding 1.5mm, concave 6mm.
- Probe diameter: 13mm.
- Power supply: 7# alkaline cell, 1.5V*3.

KUSAM MECO KM 117A



General specifications:

- Detectable Substrate Material: Ferrous metal (iron, steel).
- Thickness Range: 0~80.0mils (0 ~ 2000µm).
- Display Resolution: 0.1mils/1µm.

ACCURACY:

KM 117A Ferrous:

- +4dgts on 0 to 7.8mils
- +(3%+4dgts) on 7.9mils to 39.0mils
- (5%+4dgts) on 39.1mils to 80mils
- ±10dgts on 0 to 199µm
- +(3%+10dgts) on 200µm to 1000µm
- ±(5%+4dgts) on 1001µm to 1999µm
- Response Time: 1 second
- Operating Environment: 0°C to 50°C (32°F to 122°F) at < 75% RH
- Relative Humidity: Maximum relative humidity 80% for temperature up to 60°C decreasing linearly to 75% relative humidity at 50°C
- Storage Temperature: -20°C~60°C (-4°F to 140°F), <80% R.H. (with battery removed)
- Temperature Coefficient: Nominal 0.1 x (specified accuracy) / °C @ (<18°C or >28°C)
- Stand by Consuming Current: < 6µA
- Power Supply: Standard 1.5V AAA Size Battery X 2

DIGITAL MICRO OHM METER

MOTWANE LR-2045



Features

- 4 ½ digits LED display
- Resolution of $0.1\mu\Omega$ on $2m\Omega$ range
- RS 232 PC interface.
- True four wire resistance measuring technique Eliminates lead resistance errors inherent in two wire measurement systems
- Pulse mode operation

MOTWANE LR-2045S



Features

- 4 ½ digits large and clear LED display
- Back EMF protection
- Accurate & stable readings
- PC interfacing with software
- Four wire measurement method
- Highly rugged industrial graded casing
- Six measurements range from $20m\Omega$ to $2k\Omega$
- Sealed soft touch membrane keypad
- Measured by Kelvin method

KUSAM MECO KM OHM 8501



Features

- Resistance range : 0.001mΩ 300.0KΩ
- Resolution : 1mΩ
- Accuracy : $\pm 0.1\%$ FS
- Data storage : 500 Sets
- USB data upload function
- Charging function





GET IN TOUCH



Pravin Gandhal 96577253 91
Priya Gandhal 9890994789



pravin.electronics@gmail.com



311 Nana Peth, 101/102 Nath Murli
Complex, Aruna Chowk, Deshpreni
Mandal, Laxmi Road, Pune - 411002

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