TEST AND MEASURING INSTRUMENTS

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Pioneers and Experts in Test and Measuring Instruments...

GOLIYA INSTRUMENTS PRIVATE LTD.
MUMBAI

Preliminary Data

CE

R-36B

3 ½ digit 1999 counts LCD Display	
Manual Ranging, Data Hold, APO,	
Back Light, Resistance Check,	
Diode, Continuity Check, Battery Check	
Ranges	
DC Voltage	**200mV/2V/20V/200V/1000V**
Accuracy	± (0.5%+3dgts) on 200mV
	± (0.8%+2dgts) on 2000mV - 200V
	± (0.8%+3dgts) on 1000V
AC Voltage	**200V/750V**
Accuracy	± (2.0%+10dgts) on all ranges
DC Current	**200µA/200mA/10A**
Accuracy	± (2.0%+5dgts) on 200µA -200mA
	± (2.5%+5dgts) on 10A
Resistance	**200Ω/2000Ω/20KΩ/200KΩ/**
	2MΩ/20MΩ
Accuracy	± (1.5%+5dgts) on 200Ω
	± (1.0%+4dgts) on 2000Ω -200KΩ
	± (1.0%+10dgts) on 20MΩ
Battery Test	**1.5V / 9.0V / 12.0V**
Resolution	0.001V on 1.5V range
	0.01V on 9.0V / 12.0V range
Over Range	"1" will be displayed.
Meas. Rate	2-3 times / sec
Op. Temp.	0°C ~ 40°C, 0-75% RH
Storage Temp.	0°C ~ 50°C, 0-75% RH
Op. Freq.	40 ~ 400Hz
Sp. Function	HFE Test, Diode Test,
	Audible Continuity Test
	Data Hold, Backlight
Power	9V Battery, NEDA 6F22 Type
Low Battery	" ⊟+ " is indicated
Dimensions	130 x 73.5 x 35mm (approx.)
Weight	150gms. Incl. Battery (approx.)
Accessories	Test Leads,
	Operational Manual

R-36C

3 ½ digit 1999 counts LCD Display	
Manual Ranging, Data Hold, APO,	
Temperature Check, Back Light,	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**200mV/2V/20V/200V/1000V**
Accuracy	± (0.5%+3dgts) on 200mV
	± (0.8%+2dgts) on 2000mV - 200V
	± (0.8%+3dgts) on 1000V
AC Voltage	**200V/750V**
Accuracy	± (2.0%+10dgts) on all ranges
DC Current	**2000µA/20mA/200mA/10A**
Accuracy	± (2.0%+5dgts) on 2000µA -200mA
	± (2.5%+5dgts) on 10A
Resistance	**200Ω/2000Ω/20KΩ/200KΩ/**
	2MΩ/20MΩ
Accuracy	± (1.5%+5dgts) on 200Ω
	± (1.0%+4dgts) on 2000Ω -200KΩ
	± (1.0%+10dgts) on 20MΩ
Temperature	**-20° ~ 1370°C / -4°F ~ 2498°F**
Resolution	± (3.0°C+2dgts) upto 150°C
	± (3.0°C+2dgts) above 150°C
Over Range	"1" will be displayed.
Meas. Rate	2-3 times / sec
Op. Temp.	0°C ~ 40°C, 0-75% RH
Storage Temp.	0°C ~ 50°C, 0-75% RH
Op. Freq.	40 ~ 400Hz
Sp. Function	HFE Test, Diode Test,
	Audible Continuity Test
	Data Hold, Backlight
Power	9V Battery, NEDA 6F22 Type
Low Battery	" ⊟+ " is indicated
Dimensions	130 x 73.5 x 35mm (approx.)
Weight	150gms. Incl. Battery (approx.)
Accessories	Test Leads,
	Operational Manual
	K-Type Thermocouple Leads

R-801T

3 ⅝ digit 6000 counts Trms LCD Display	
Auto Ranging, Data Hold, APO, NCV,	
Back Light, Temperature, Resistance	
Diode, Continuity Check, Battery Check	
Ranges	
DC Voltage	**600mV / 6V / 60V / 600V**
Accuracy	± (0.8%+1dgts) on 600mV
	± (0.8%+1dgts) on 6V - 600V
AC Voltage	**600mV / 6V / 60V / 600V**
Accuracy	± (1.2%+3dgts) on 600mV
	± (0.8%+3dgts) on 6V - 600V
DC Current	**600µA / 6000µA / 60mA /**
	600mA / 6A / 10A
Accuracy	± (1.0%+5dgts) on 600µA - 600mA
	± (1.5%+7dgts) on 6A - 10A
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.0%+2dgts) on all ranges
Temperature	**-40°C ~ 1000°C / -40°F ~ 1832°F**
Accuracy	± (1.0%+2dgts) on all ranges
Frequency	**100Hz/1kHz/10kHz/100kHz**
	1MHZ/10MHZ
Resolution	± (0.5%+3dgts) on all ranges
Duty Cycle	**0.01% - 99.9%**
Capacitance	**6nF/60nF/600nF/6µF/60µF/**
	600µF
Accuracy	± (4.0%~3Dgts) 6nF ~ 60µF
	± (5.0%~10Dgts) 600µF
Sp. Functions	Audible Continuity Test
	Data Hold, Backlight
Power	9V Battery, NEDA 6F22 Type
Low Battery	" ⊟+ " is indicated
Dimensions	145 x 70.0 x 35mm (approx.)
Weight	180gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case,
	Operational Manual,
	K-Type Thermocouple leads

Preliminary Data

CE

R-603A

3 ½ digit 1999 counts Trms LCD Display	
Manual Ranging, Data Hold, APO, Live	
Frequency, Capacitance, Square Wave O/P	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**200mV/2V/20V/200V/1000V**
Accuracy	± (0.8%+10dgts) on 200mV
	± (0.5%+5dgts) on 2V - 200V
	± (0.8%+5dgts) on 1000V
AC Voltage	**2V/20V/200V/750V**
Accuracy	± (0.8%+3dgts) on 2V - 200V
	± (1.2%+3dgts) on 750V
DC Current	**200µA/2mA/20mA/200mA/20A**
Accuracy	± (1.0%+2dgts) on 200µA ± (1.0%+2dgts) on 200µA ± (1.2%+3dgts) on 200mA ± (2.0%+5dgts) on 20A
AC Current	**2mA/20mA/200mA/20A**
Accuracy	± (0.8%+3dgts) on 2-20mA
	± (1.2%+3dgts) on 200mA - 20A
Resistance	**200Ω/2KΩ/20KΩ/200KΩ/**
	2MΩ/20MΩ/200MΩ
Accuracy	± (1.0%+5dgts) on 200Ω ± (0.8%+3dgts) on 2KΩ - 200KΩ ± (1.2%+5dgts) on 2MΩ ± (4.0%+20dgts) on 200MΩ
Capacitance	**20nF/200nF/2µF/20µF/200µF/2mF/20mF**
Accuracy	± (3.0%+3gts) 20nF - 200µF
	± (4.0%+10dgts) on 200mF
Sq. Wave O/P	**50 ~ 5.0KHz**
Accuracy	± (3.0% + 5dgts) on all ranges
Frequency	**2Hz ~ 2MHz**
Accuracy	± (1.0%+3dgts)
Power	9V Battery, NEDA 6F22 Type
Low Battery	" [-+] " is indicated
Dimensions	185 x 90 x 35mm (approx.)
Weight	300gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual

R-603B

3 ½ digit 1999 counts LCD Display	
Manual Ranging, Data Hold, APO, Live	
Frequency, Capacitance, Temperature,	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**200mV/2V/20V/200V/1000V**
Accuracy	± (0.8%+10dgts) on 200mV
	± (0.5%+5dgts) on 2V - 200V
	± (0.8%+5dgts) on 1000V
AC Voltage	**2V/20V/200V/750V**
Accuracy	± (0.8%+3dgts) on 2V - 200V
	± (1.2%+3dgts) on 750V
DC Current	**200µA/2mA/20mA/200mA/20A**
Accuracy	± (1.0%+2dgts) on 200µA ± (1.0%+2dgts) on 200µA ± (1.2%+3dgts) on 200mA ± (2.0%+5dgts) on 20A
AC Current	**2mA/20mA/200mA/20A**
Accuracy	± (0.8%+3dgts) on 2-20mA
	± (1.2%+3dgts) on 200mA - 20A
Resistance	**200Ω/2KΩ/20KΩ/200KΩ/**
	2MΩ/20MΩ/200MΩ
Accuracy	± (1.0%+5dgts) on 200Ω ± (0.8%+3dgts) on 2KΩ - 200KΩ ± (1.2%+5dgts) on 2MΩ ± (4.0%+20dgts) on 200MΩ
Capacitance	**20nF/200nF/2µF/20µF/200µF/2mF/20mF**
Accuracy	± (3.0%+3gts) 20nF - 200µF
	± (4.0%+10dgts) on 200mF
Temperature	**-40°C ~ 1000°C**
Resolution	± 1°C on all ranges
Frequency	**200KHz**
Accuracy	± (2.0% + 10dgts) on all ranges
Power	9V Battery, NEDA 6F22 Type
Low Battery	" [-+] " is indicated
Dimensions	185 x 90 x 35mm (approx.)
Weight	300gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual

R-909T

3⅝ digit 6000 counts Trms LCD Display	
Auto Ranging, Data Hold, APO, Relative,	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**600mV/6V/60V/600V/1000V**
Accuracy	± (0.8%+5dgts) on 600mV
	± (0.8%+3dgts) on 6V - 600V
	± (0.8%+5dgts) on 1000V
AC Voltage	**600mV/6V/60V/600V/750V**
Accuracy	± (1.2%+8dgts) on 600mV
	± (1.2%+6dgts) on 6V-600V
	± (1.2%+8dgts) on 750V
DC Current	**600µA / 6000µA / 60mA /**
	600mA / 6A / 10A (Fused)
Accuracy	± (0.8%+5dgts) on 600µ-600mA
	± (1.5%+3dgts) on 6A-10A
AC Current	**600µA / 6000µA / 60mA /**
	600mA / 6A / 10A (Fused)
Accuracy	±(1.5%+8dgts) on 600µ-600mA
	± (2.0%+10dgts) on 6A-10A
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.5%+5gts) on all ranges
Capacitance	**60nF/600nF/6µF/60µF/600µF/20µF**
Accuracy	± (8.0%+5gts) on all ranges
Frequency	**60MHz**
Accuracy	±(1.0%+5dgts) on all ranges
Temperature	**-40°C ~ 1370°C**
Accuracy	± (2%+2dgt) on all ranges
Power	9V Battery, NEDA 6F22 Type
Low Battery	" [-+] " is indicated
Dimensions	190 x 90 x 35mm (approx.)
Weight	360gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Leads

Preliminary Data

CE

NEW

R-2700T Trms

3⅝ digit 6000 counts Trms LCD Display	
Auto Ranging, Data Hold, APO,	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**600mV/6V/60V/600V/1000V**
Accuracy	± (0.8%+3dgts) on 600mV
	± (0.8%+3dgts) on 6V - 600V
	± (1.0%+5dgts) on 1000V
AC Voltage	**600mV/6V/60V/600V/750V**
Accuracy	± (1.2%+8dgts) on 600mV
	± (1.2%+6dgts) on 6V-600V
	± (1.2%+8dgts) on 750V
AC Current	**6A/60A/300A**
Accuracy	± (2.5%+10dgts) on all ranges
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.0%+5gts) on all ranges
Capacitance	**60nF/600nF/6μF/60μF/**
	600μF/20mF
	± (8.0%+5gts) on all ranges
Frequency	**1Hz/10Hz/100Hz/1KHz/**
	10KHz/100KHz/10MHz
Accuracy	± (1.0%+5dgts) on all ranges
Temperature	**-40°C ~ 1370°C**
	± (1%+2dgt) on -40°~150°C
	± (2%+2dgt) on 150°~1370°C
Duty Cycle	**0.01%~99.9%**
	±(1%)
Jaw Size	40mm
Power	AAA 1.5V (3 Batteries)
Low Battery	" [-+] " is indicated
Dimensions	215 x 66 x 35mm (approx.)
Weight	310gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Leads

R-2070C

3⅝ digit 6000 counts Trms LCD Display	
Auto Ranging, Data Hold, APO, NCV	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance, Backlight	
Ranges	
DC Voltage	**6V/60V/600V**
Accuracy	± (8.0%+3dgts) on 6V - 60V
	± (1.0%+3dgts) on 600V
AC Voltage	**6V/60V/600V**
	± (1.5%+5dgts) on all ranges
AC Current	**6A/60A/600A**
Accuracy	± (3.0%+20dgts) on 6A
	± (3.0%+5dgts) on 60A
	± (3.0%+8dgts) on 600A
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.0%+3dgts) on 600Ω - 6MΩ
	± (1.5%+3dgts) on 60MΩ
Capacitance	**60nF/600nF/6μF/60μF/**
	600μF/1000μF
Accuracy	± (3.0%+18dgts) on 10nF
	± (1.0%+3dgts) on 100nF - 1000μF
Temperature	**0°C - 600°C / 32°F-1112°F**
Accuracy	± (1.0%+3dgts)
Frequency	**10Hz/100Hz/1KHz/100KHz/**
	1MHz/10MHz
Accuracy	± (0.8%+3dgts) on all ranges
Duty Cycle	0.1% - 99.9%
Resolution	± (0.1%) on all ranges
Jaw Size	28mm
Power	AAA 1.5V (2 Batteries)
Low Battery	" [-+] " is indicated
Dimensions	185 x 51 x 25mm (approx.)
Weight	180gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Lead

R-2070D

3⅝ digit 6000 counts Trms AC / DC	
Auto Ranging, Data Hold, APO, Backlight	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**6V/60V/600V**
Accuracy	± (8.0%+3dgts) on 6V - 60V
	± (1.0%+5dgts) on 600V
AC Voltage	**6V/60V/600V**
Accuracy	± (1.5%+5dgts) on all ranges
DC Current	**60A/600A**
Accuracy	± (2.5%+5dgts) on 60A
	± (2.5%+8dgts) on 600A
AC Current	**60A/600A**
Accuracy	±(2.5%+5dgts) on 60A
	±(2.5%+8dgts) on 600A
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.0%+3dgts) on 600Ω - 6MΩ
	± (1.5%+3dgts) on 60MΩ
Capacitance	**60nF/600nF/6μF/60μF/**
	600μF/1000μF
Accuracy	± (3.0%+18dgts) on 10nF
	± (1.0%+3dgts) on 100nF - 1000μF
Temperature	**0°C - 600°C / 32°F-1112°F**
Accuracy	± (1.0%+3dgts)
Frequency	**10Hz/100Hz/1KHz/100KHz/**
	1MHz/10MHz
Accuracy	± (0.8%+3dgts) on all ranges
Jaw Size	28mm
Power	AAA 1.5V (2 Batteries)
Low Battery	" [-+] " is indicated
Dimensions	185 x 90 x 35mm (approx.)
Weight	160gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Leads

Preliminary Data

CE

R-2025

R-2025THz

NEW!

R-1818T

3 ½ digit 1999 counts LCD Display	
Manual Ranging, Data Hold, APO,	
Diode, Continuity, Resistance, Backlight	
Ranges	
DC Voltage	**1000V**
Accuracy	± (1.0+2dgts) on 1000V
AC Voltage	**750V**
	± (1.2+5dgts) on 750V
AC Current	**20A/200A/1000A**
Accuracy	± (2.5%+10dgts) on 20A-200A
	± (2.5%+10dgts) on 200-800A
	± (3.0%+5dgts) on 800-1000A
Resistance	**200KΩ/2KΩ**
Accuracy	± (1.0%+10dgts) on 200Ω
	± (1.0%+4dgts) on 2KΩ
Measurement	Dual Scope Integration Method
Polarity	Automatic, indicated minus
Overload	750V AC/DC on all VAC
Protection	1200A for 1min. in AAC
	1000V DC/peak AC in VDC
OverRange	"1" will be displayed.
Meas. Rate	3 times / sec
Op. Temp.	0°C ~ 40°C, 0-75% RH
Storage Temp.	0°C ~ 50°C, 0-75% RH
Op. Freq.	40 ~ 400Hz
Sp. Function	HFE Test, Diode Test,
	Audible Continuity Test
	Data Hold, Backlight
Jaw Size	45mm
Power	9V Battery, NEDA 6F22 Type
Low Battery	" " is indicated
Dimensions	245 x 90 x 45mm (approx.)
Weight	360gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual

3⅝ digit 6000 counts Trms LCD Display	
Auto Ranging, Data Hold, APO, Backlight	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance, Duty Cycle	
Ranges	
DC Voltage	**600mV/6V/60V/600V/1000V**
Accuracy	± (0.8%+5dgts) on 600mV
	± (0.8%+5dgts) on 6V - 600V
	± (1.0%+5dgts) on 1000V
AC Voltage	**600mV/6V/60V/600V/750V**
Accuracy	± (1.2%+8dgts) on 600mV
	± (1.2%+6dgts) on 6V - 600V
	± (1.2%+8dgts) on 750V
AC Current	**60A/600A/1000A**
Accuracy	± (2.5%+10dgts) on all ranges
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (1.5%+5dgts) on all ranges
Capacitance	**60nF/600nF/6μF/60μF/**
	400μF/20mF
Accuracy	± (8.0%+5dgts) on all ranges
Frequency	**60Hz/600Hz/6KHz/600KHz/**
	6MHz/60MHz
Accuracy	± (1.0%+5dgts) on all ranges
Frequency	**50~1KHZ (Thru Clamp)**
	± (1.5%+5dgts) on all ranges
Temperature	-40°C - 1370°C / 32°F-2000°F
Accuracy	± (1.0%+4dgts) on -40°-1500°C
	± (2.0%+3dgts) on 150°-1370°C
Jaw Size	45mm
Power	9V Battery, NEDA 6F22 Type
Low Battery	" " is indicated
Dimensions	245 x 90 x 45mm (approx.)
Weight	360gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Leads

3⅝ digit 6000 counts Trms AC / DC	
Auto Ranging, Data Hold, APO, NCV	
Temperature, Frequency, Capacitance	
Diode, Continuity, Resistance Check	
Ranges	
DC Voltage	**600mV/6V/60V/1000V**
Accuracy	± (0.5%+3dgts) on 600mV - 60V
	± (0.8%+5dgts) on 1000V
AC Voltage	**6V/60V/750V**
Accuracy	± (1.0%+5dgts) on 6V - 60V
	± (1.2%+8dgts) on 750V
DC Current	**600/1000A**
Accuracy	± (2.5%+8dgts) on 600A
	± (2.5%+5dgts) on 1000A
AC Current	**600/1000A**
Accuracy	± (2.5%+8dgts) on 600A
	± (2.5%+5dgts) on 1000A
Resistance	**600Ω/6KΩ/60KΩ/600KΩ/**
	6MΩ/60MΩ
Accuracy	± (0.8%+10gts) on 600Ω
	± (0.8%+8gts) on 6KΩ - 6MΩ
	± (1.5%+15gts) on 60MΩ
Capacitance	**60nF/600nF/6μF/60μF/**
	600μF/1000μF
	± (3.0%+10gts) 60nF-600μF
	± (5.0%+30gts) 1000μF
Frequency	**100Hz - 10MHz**
Accuracy	± (1.0%+4dgts) on all ranges
Temperature	**-40°C - 1370°C / 32°F-2000°F**
Jaw Size	50mm
Power	AA 1.5V (2 Batteries)
Low Battery	" " is indicated
Dimensions	247 x 92 x 46mm (approx.)
Weight	385gms. Incl. Battery (approx.)
Accessories	Test Leads, Carrying Case
	Operational Manual
	K-Type Thermocouple Leads

ENVIRONMENTAL AND OTHER TEST AND MEASURING INSTRUENTS

Affordable, Accurate, Precise & Reliable instruments... since 1982...

Pioneers and Experts in Test and Measuring Instruments...

GOLIYA INSTRUMENTS PRIVATE LTD.
MUMBAI

DIGITAL INFRARED THERMOMETERS

NEW!

Preliminary Data

CE

IR-550

IR-1050

IR-1350

Special Features:

* EMISSIVITY (ADJUSTABLE)
* LASER TARGET
* °C / °F SWITCH
* MEASURE MAX. AVG. AND DIFF.
* DISTANCE RATIO 12:1
* LOW BATTERY DISPLAY
* AUTO POWER OFF IN 10 MINS.

Model	IR-550	IR-1050	IR-1350
Range	-32ºC ~ 550ºC	-32ºC ~ 1050ºC	-32ºC ~ 1350ºC
	-26ºF ~ 1022ºF	-26ºF ~ 1922ºF	-26ºF ~ 2462ºF
Accuracy	±1.5ºC	±1.5ºC	±1.5ºC
Distance Spot Ratio	12:1	12:1	50:1
Emissivity	0.95	0.10 ~ 1.00 (Adjustable)	0.10 ~ 1.00 (Adjustable)
Repeatability	±0.5% or ±1ºC (2ºF)	±0.5% or ±1ºC (2ºF)	±0.5% or ±1ºC (2ºF)
Resolution	0.1ºC (0.1ºF)	0.1ºC (0.1ºF)	0.1ºC (0.1ºF)
Spectral Response	0.1ºC (0.1ºF)	0.1ºC (0.1ºF)	0.1ºC (0.1ºF)
Special Functions			
ºC / ºF Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
Backlight Display	✓	✓	✓
MAX Function	✓	✓	✓
MIN Function	✓	✓	✓
DIF Function	-	-	✓
AVG Function	-	-	✓
Data Storage	-	-	✓
High / Low Temperature Alarm Setting	-	-	✓
Setting	-	✓	✓
LCD Size	26 x 29mm	26 x 29mm	36 x 26mm
Packing Information			
Power	9V Battery	9V Battery	9V Battery
Product Colour	Red + Black	Red + Black	Red + Black
Product Size	170 x 81 x 38mm	170 x 81 x 38mm	220 x 130 x 53mm
Product New Weight	145gms (Approx.)	145gms (Approx.)	145gms (Approx.)
Accessories	Blister Pack x 1	Blister Pack x 1	Hard Carrying Case x 1
	Instruction Manual x 1	Instruction Manual x 1	Tripod Stand x 1
	9V Battery x 1	9V Battery x 1	Thermocouple Cable x 1
			Instruction Manual x 1
			9V Battery x 1

NEW!

Preliminary Data

CE

"**MECO-G**" Vibration Meter model **R-63A** is designed using piezoelectric effect of artificial polarized ceramics. This unit can be used to monitor various types of mechanical vibrations like rotating and reciprocating machines. This instrument can measure acceleration, velocity and displacement in the mechanical manufacturing process, metallurgy, general aviation field etc.

FEATURES:-

1. Simple to use for measurement, the structure is compact, portable for carrying
2. Visually displays the measurement value and state.
3. Acceleration, velocity and displacement measurement.
4. Different vibration frequency selection.
   High sensitivity probe for accurate measurement with long and short probe head, each one is suitable for different measurement situation.
5. Equipped with AC signal output interface.
6. Low Power Indication
7. Auto Power-Off
8. LCD Back-light.

MODEL: R-63A

GENERAL SPECIFICATIONS

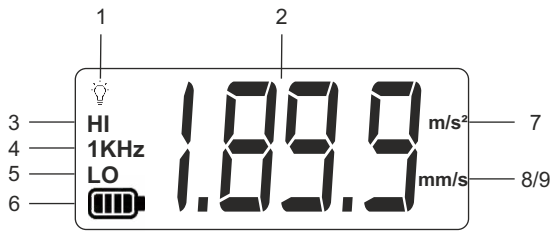
Display	: 3½ Digits, LCD Back-light display
Display Update Cycle	: 1 second.
Output	: AC Output 2V peak (display full scale). Load Impedance 10KΩ or more earphones can be connected
Battery	: 9V Battery (6F22)
Static Current	: ≤20μA
Operating Current	: ≤25mA
Battery Life	: 20 Hours continuous use
Operating Temperature	: 0~40°C
Operating Humidity Range	: 30~90%RH
Low Battery Indication	: 6.9V ± 0.2V
Auto Power Off	: Turns off Automatically in 60 seconds
Dimensions	: 67 x 30 x 138mm
Weight	: 182g (including battery)
Accessories	: Long and short probe head (1 Each) Users Manual, Battery, Carrying Case

TECHNICAL SPECIFICATIONS

Vibration Pickup	: Piezoelectric ceramic accelerometer (shear-type)
Measurement range of Acceleration	: 0.1~199.9 mm/s² peak
Measurement range of Velocity	: 0.1~199.9 mm/s rms
Measurement range of Displacement	: 0.001~1.999 mm p-p. Velocity and displacement range is limited by acceleration 199.9m/s²
Measurement accuracy	: ± (5%+2Digits)
Measurement frequency of acceleration	: 10Hz~1KHz (LO) / 1KHz - 15KHz (HI)
Measurement frequency of velocity	: 10Hz~1KHz (LO)
Measurement frequency of displacement	: 10Hz~1KHz (LO)

DISPLAY SPECIFICATIONS

1. Back-light indication:- The back-light will be on for 7 seconds upon the operation of the button.
2. Measurement Data
3. High Frequency
4. 1KHz Frequency
5. Low Frequency
6. Battery mark shows battery Power. These are the following 5 indication level:-
   a. : Battery is sufficient
   b. : Battery is comparative sufficient
   c. : Battery is nearly sufficient
   d. : Battery is nearly exhausted, need to replace with a new one
   e. : Battery is exhausted completely. Replace immediately.
7. When taking measurement of acceleration, the LCD displays the acceleration unit = m/s²
8. When taking measurement of velocity, the LCD displays the velocity unit = mm/s
9. When taking measurement of displacement, the LCD displays the displacement unit = mm.



DIGITAL INSULATION TESTER 250/500/1000V (1KV)

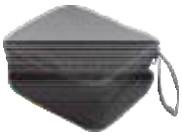
NEW!

Preliminary Data

CE

TEST LEADS

AA X 6 BATTERIES



CARRYING CASE

R-DT903A-1

Introduction:

"MECO-G" has introduced a new & advanced multi-range 3½ Dgt. (1999 Counts) Digital Insulation Tester Model: R-DT903A-1. It has 3 Voltage Ranges i.e. 250V/500V/1000V

R-DT903A-1 has two MOhms (MΩ) ranges, 0-200MΩ and 0-2000MΩ. It has a separate Resistance Measurement Range upto 2KOhms (KΩ).

AC Voltage Measurement upto 750VAC and DC Voltage Measurement upto 1000VDC is available.

Voltage is maintained from 10% to 100% of the insulation resistance range.

Special Functions:

* 3½ Digit (1999 Counts) Large Display with Back light
* High Accuracy ±(4% + 2dgts) for Insulation Measurement. and ±(1% + 5dgts) for VAC Measurement
* LCD Back Light Function with Indicator Switch.
* Measurement of AC voltage upto 750VAC.
* LED Indicator for HV (High Voltage)
* In-build Protection Circuit to prevent the damage reverse voltages.
* Battery Operated / AC adapter (At additional cost)
* 3 Ranges of Insulation Measurement.

Electrical Specifications: R-DT903A-1

Specification	Test Voltage	Range	Accuracy	Resolution
Insulation Resistance	250VDC ±10%	0~200MΩ	±(4% + 2dgts)	100kΩ
	500VDC ±10%	0~200MΩ		100kΩ
	1000VDC ±10%	0~2GΩ		1MΩ
Resistance Measurement	2KΩ		±(0.8% + 6dgts)	1Ω
DC Voltage Measurement	0-1000VDC	0-1000VDC	±(0.5% + 6dgts)	1V
AC Voltage Measurement	0-750VAC (40~200Hz)	0-750VAC	±(1.0% + 5dgts)	1V

Accuracy ± (% reading + digits) at 23°C ± 5°C; RH≤ 75%

General Specifications:

Display	3½ Dgt. (1999 Counts) Large LCD Display with 33mm Display Height.
Resistance Measurement	0-2KΩ
Continuity Test	<50Ω Beeper on, testing current @ 1mA
Low Battery Indication	
Operating Temperature	0°C to 40°C (RH ≤ 85%)
StorageTemperature	-10°C to 50°C (RH ≤ 75%)
Insulation Resistance	≥ 500MΩ / 1000V
Voltage Withstand	2KV for 1 min.
Dimensions	176 x 116 x 63 mm
Weight	Approx. 580gms including batteries
Power	9V (6 x 1.5V) (R6AA size batteries) or AC Adaptor 9VDC
Accessories	1. Insulation Test leads for High Voltage x 1 2. Batteries (R6AA size batteries) 1.5V x 6 3. Instruction Manual 4. Carrying Case 5. Adaptor (At additional cost)

DIGITAL INSULATION TESTER
100/250/500/1000/2500/5000V (5KV)

NEW!

Preliminary Data

CE

AA X 8 BATTERIES

12VDC ADAPTOR

R-DIT945K-1

CARRYING CASE

TEST LEADS

Introduction:

"MECO-G" has introduced a new & advanced multi-range 3½ Dgt. (1999 Counts) Digital Insulation Tester Model: R-DIT945K-1. It has 6 Voltage Ranges i.e. 100V/250V/500V/1000V/2500V/5000V.
R-DIT945K-1 has three Ohms (Ω) ranges, 0-200MΩ, 200MΩ-10GΩ and 10GΩ-2000GΩ.

Special Functions:

* 3½ Digit (1999 Counts) Large Display with Back light
* High Accuracy ±(3% + 2dgts) for Insulation Measurement.
* LCD Back Light Function with Indicator Switch.
* Battery Operated / AC adapter
* Display with Annunciators
* Auto-Ranging (Insulation Measurement)
* As per EMC standard IEC 61326-1 Class B
* AS per Safety Standard IEC/EN 61010-1 & 61010-31
* LED Indicator for HV (High Voltage)
* In-build Protection Circuit to prevent the damage reverse voltages.
* 6 Ranges of Insulation Measurement.
* Suitable for calculation PI and DAR (manually)
* As per IS10656-1983
* Over Voltage CAT III, 600V
* IP-44 Protection

Electrical Specifications: R-DIT945K-1

Specification	Test Voltage	Range	Accuracy	Resolution
Insulation Resistance	100V/250V/500V ±10%	0.1~20MΩ	±(3% + 5dgts)	0.01MΩ
	1000V/2500V/5000VDC ±10%	200MΩ~10GΩ	±(5% + 10dgts)	
		10GΩ~200GΩ	±(10% + 5dgts)	

Accuracy ± (% reading + digits) at 23°C ± 5°C; RH≤ 75%

General Specifications:

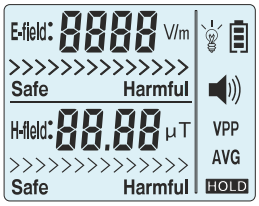
Display	3½ Dgt. (1999 Counts) Large LCD Display with 29mm Display Height.
Accuracy	±(3% + 5dgts)
Low Battery Indication	[-+]
Operating Temperature	0°C to 40°C (RH ≤ 85%)
StorageTemperature	-10°C to 50°C (RH ≤ 75%)
Voltage Withstand	2KV for 1 min.
Dimensions	190 x 155 x 75 mm
Weight	Approx. 900gms including batteries
Power	12V (8 x 1.5V) (R6AA size batteries) or AC Adaptor 12VDC
Accessories	1. Insulation Test leads for High Voltage x 1 2. Batteries (R6AA size batteries) 1.5V x 8 3. Instruction Manual 4. Carrying Case 5. Adaptor

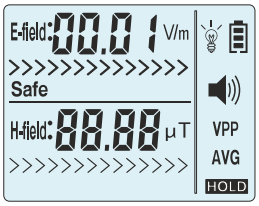
ELECTRO-MAGNETIC RADIATION TESTER (FLUX METER)

NEW!

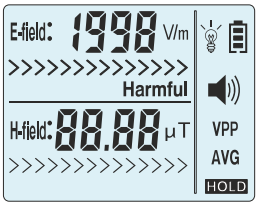
Preliminary Data

CE

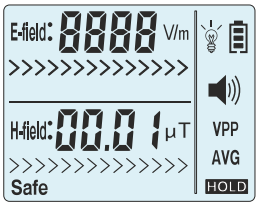




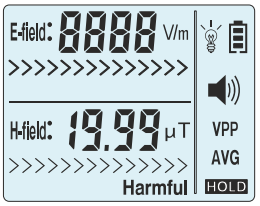
ELECTRO-FIELD (SAFE)



ELECTRO-FIELD (HARMFUL)



MAGNETIC-FIELD (SAFE)



MAGNETIC-FIELD (HARMFUL)

Model: R-EMR

"MECO-G" ELECTRO-MAGNETIC Radiation Tester can test electric field radiation and magnetic field emission to reach the optimal test results.

Measures

Electro-Magnetic Radiation Monitoring:
House / Apartments, Offices, Schools
Electro-Magnetic Radiation Test:
Mobile Phones, Computers, TV Sets, refrigerators and High volt cables radiation test.
Radiation Protection Test:
Tests effects of radiation-proof clothes, radiation-proof films and other prevention articles.

Features

* One can be used for both, Electronic and Magnetic radiation.
* Sound & Light alarm, when the test result exceeds the safety limit.
* Data-Hold
* Graphical LCD Display for Radiation level
* Radiation assessment, reminding of whether the operation is safe or not.

Radiation Indexes

* X-Ray Radiation: ★★★★★
* Electric Hair Drier:★★★★★
* Electric Blanket Radiation:★★★★
* Microwave Oven Radiation:★★★★
* Computer Monitor:★★★
* TV set radiation:★★
* Keyboard, Mouse, Security Check:★

Functions	Electric Field	Magnetic Field
Unit	V/m	μT
Accuracy	1V/m	0.01μT
Range	1V/m ~ 1999V/m	0.01μT ~ 19.99μT
Alarm Treshold Value	40V/m	0.4μT
Sampling Time	2.5 Samples (Approx.)	
Testing Bandwidth (Hz)	50Hz ~ 3500Hz	
Test Mode	Bimodule Synchronous Test	
Over-Range Indication	"1"	
Operating Temperature	0° ~ 50°C	
Operating Voltage	9V Battery (6F22)	
LCD Display	3 ½ Digit LCD	
Weight & Size	Weight: 146gms. approx. Size: 63.6 x 31 x 125.8mm	
Applications	This Electro-Magnetic Radiation Tester can be used in Houses, Schools, Offices, Shops, Laboratories etc. Teaching, Demonstration & Testing of Electrical Consumption of Household / Office appliances.	

INDUCTANCE, CAPACITANCE, RESISTANCE - LCR METER

NEW!

Preliminary Data

CE

LCR-4077

FEATURES

1. Easy and Accurate reading.
2. High Accuracy
3. Measurements are possible even under a strong magnetic field.
4. LSI - Circuit provides high reliability and durability.
5. Input overload Protection
6. LCD display for low power consumption and clear readout even in bright ambient light conditions.
7. In-linge pushbuttons allow one hand operation.
8. Light-weight and compact design for easy operation
9. Low battery Indication.
10. Data Hold
11. Zero Adjustment.

GENERAL SPECIFICATIONS

Display	: LCD. Max. 1999
Measurement	: L= Inductance, C= Capacitance, R= Resistance
Zero Adjustment	: Automatic / Manual with knob
Over-Range	: "1" will appear
Sampling Rate	: 3 times / second
Operating Temp	: 0°C ~ 40°C, Humidity <80%
Dimensions	: 180 x 90 x 50mm (Approx.)
Weight	: 430gms Approx. (With Battery)
Power Supply	: Singe, 9V Battery (6F22)
Standard Accessories	: Alligator Test Clips (Red & Black) x 1 pair Instruction Manual x 1 Battery x 1

CHARACTERISTICS

PF = pico Farad (10^{-12} F),
nF = nano Farad (10^{-9} F),
µF = micro Farad (10^{-6} F)

Temperature Coefficient :	Capacitance	≤ 0.5 µF - 0.1% / °C
		> 0.5 µF - 0.2% / °C
	Inductance	≤ 0.5 H - 0.2% / °C
		> 0.5 H - 0.5% / °C
Zero Error:	Capacitance	< 5pF
	Inductance	< 10µH

Inductance

Range	Test Frequency	Accuracy
200µH	1KHz	± 1.5% of reading ± 5 digits
2mH		
20mH		
200mH		
2H	160Hz	± 3.0% of reading ± 5 digits
20H		
200H		± 5.0% of reading ± 5 digits

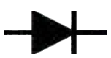
Capacitance

Range	Resolution	Accuracy
200pF	0.1pF	± 1.5% of reading ± 20 digits
2nF	10pF	
20nF	100pF	
2µF	1nF	
20µF	10nF	
200µF	100nF	± 3.0% of reading ± 5 digits
2000µF	1µF	

Resistance

Range	Resolution	Accuracy
20Ω	0.01Ω	± 1.0% of reading ± 2 digits
200Ω	0.01kΩ	
2kΩ	1kΩ	
20kΩ	10kΩ	
200Ω	100Ω	
2MΩ	1KΩ	
20MΩ	10KΩ	

Diode Test

	Forward DC Current approx. 1mA. Reverse DC Voltage approx. 3V.

DIGITAL TACHOMETER
CONTACT / CONTACT NON-CONTACT (COMBINED)

NEW!

Preliminary Data

CE

MODEL: R-2034A
NON-CONTACT

MODEL: R-2241A
CONTACT / NON-CONTACT
(COMBINED)

Adaptor for Liner Surface

Adaptor for round shaft with "V" groove.

Adaptor for round shaft with "O" groove.

APPLICATION

"MECO-G" Digital Tachometers use the latest technology for accurate measurements. They are based exclusively on single Chip Micro-computer LSI Circuit. They are housed in tough ABS case & have ergonmic design for easy holding in the hand.

Model	R-2034A (NON-CONTACT)	R-2241A (COMBINED)	
Display	5 Dgt. 18mm (0.7") LCD White Backlight Display		
Sampling Time	0.5 Sec. (Over 60RPM)	0.8 Sec. (Over 60RPM)	
Test Range	Autoranging		
Range I	2.5 ~ 999.9 RPM/min	Non-Contact	2.5 ~ 99999 RPM/min
Range II	1000 ~ 99999 RPM/min	Contact	0.5 ~ 19999 RPM/min
		Surface	0.05 ~ 1999.9 m/min
		Surface Distance	0.05 ~ 99999 m
Accuracy	± (0.05% + 1 Dgt.)		
Resolution	0.1RPM (2.5 ~999.9RPM)	Non-Contact	0.1RPM [2.5~9999RPM (Photo)]
	1RPM (Above 1000 RPM)		1RPM (Above 1000RPM)
		Contact	0.1RPM (0.5~999.9RPM)
			1RPM (Above 1000RPM)
		Surface	0.01m/min (0.05~99.99m/min)
			0.1m/min (Over 100m/min)
		Surface Distance	0.02m (0.05~99999m)
Memory	Max. Value, Min. Value and last value will be stored.		
Detecting Distance	50 to 500mm	50 to 500mm (Photo)	
Operating Temperature	0~50°C (32-122°F)		
Operating Humidity	Less than 80% RH		
Power Consumption	Approx. 65mA		
Power Supply	4 x 1.5V AA Battery	4x1.5V AA battery or external 6V DC regulated power supply via Adaptor	
Dimension	164 x 74 x 37mm	210 x 74 x 37mm	
Weight (With Battery)	Approx 200gms	Approx. 235gms	
Accessories	User Manual, Carrying Case, 2pcs of reflecting strip, Batteries	User Manual, Carrying case, Surface Speed Test Wheels, RPM Adaptor (Cone, Funnel), 2pcs of reflecting strip, Batteries	

DIGITAL COATING THICKNESS METER FERROUS / NON-FERROUS (1.80 mm)

MODEL: R-108A

"**MECO-G**" Digital Coating Thickness meter is a portable coating thickness gauge, which can quickly, non-destructively and accurately measure metallic and non metallic coating thickness (such as paint, film etc.) of a metal & non-metal substrate. It is widely used in detection areas like manufacturing industry, car washing industry, metal processing industry, chemical industry and commodity inspection.

FEATURES:-

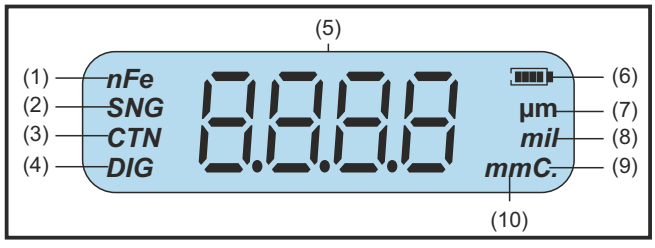
1. Simple to use for measurement, the structure is compact, portable.
2. Visually displays the measurement value.
3. Low Power Indication
4. Auto Power-Off
5. Measures coating thickness of Ferrous and Non-Ferrous substrate.
6. Metric Unit and Imperial unit

GENERAL SPECIFICATIONS

Display	: 4 Digit
Display Update Cycle	: 1 second.
Battery	: 2x1.5V AAA batteries
Battery Life	: 20 Hours continuous use
Operating Temperature	: 18~30°C
Operating Humidity Range	: 30~90%RH
Low Battery Indication	: 2.8V ± 0.2V
Auto Power Off	: Turns off Automatically in 60 seconds
Dimensions	: 67 x 30 x 138mm
Weight	: 182g (including battery)
Accessories	: Metallic and Non-Metallic Measuring plate, Measurement films, Users Manual, Battery.

TECHNICAL SPECIFICATIONS

Measurement Range	: 0~1.80mm / 0~71.0mil
Car Mode Resolution	: 0.05mm / 2mil
User Mode Resolution	: 0.01mm / 1mil
Measurement Error	: ±0.1mm
Minimum diameter of substrate	: 50mm
Minimum thickness of substrate	: 0.5mm
Two modes	: Car／User
Three measurement ways	: single measurement, continuous measurement, difference value measurement.
Three calibration functions	: Zero calibration



DISPLAY SPECIFICATIONS

1. **nFE**	: Not in use.
2. **SNG**	: Single Measurement
3. **CTN**	: Continuous measurement
4. **DIF**	: Difference value measurement
5. Display area of measured value	
6.	: Power Indicator
7. **µm**	: Not in use
8. **mil**	: Imperial Unit (1ml=0.0254mm)
9. **C.**	: Enter into calibration state
10. **mm**	: Metric Unit (1mm=39.4mil)

DIGITAL COATING THICKNESS METER FERROUS / NON-FERROUS (1800µm)

NEW!

Preliminary Data

CE

"**MECO-G**" Digital Coating Thickness meter is a portable coating thickness gauge, which can quickly, non-destructively and accurately measure metallic and non metallic coating thickness (such as paint, film etc.) of a metal & non-metal substrate. It is widely used in detection areas like manufacturing industry, car washing industry, metal processing industry, chemical industry and commodity inspection.

FEATURES:-

1. Simple to use for measurement, the structure is compact, portable.
2. Visually displays the measurement value.
3. Low Power Indication
4. Auto Power-Off
5. Measures coating thickness of Ferrous and Non-Ferrous substrate.
6. Metric Unit and Imperial unit

MODEL: R-180A

GENERAL SPECIFICATIONS

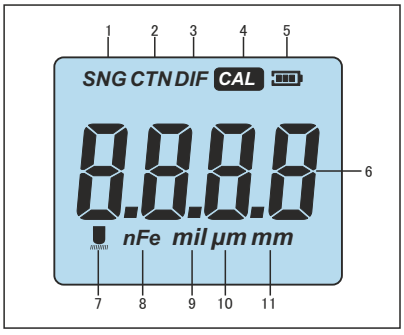
Display	: 4 Digit
Display Update Cycle	: 1 second.
Battery	: 2x1.5V AAA batteries
Battery Life	: 20 Hours continuous use
Operating Temperature	: 20~40°C. It is recommended to re-calibrate instrument incase of change in temperature
Operating Humidity Range	: 30~90%RH
Low Battery Indication	: 2.8V ± 0.2V
Auto Power Off	: Turns off Automatically in 60 seconds
Dimensions	: 62 x 27 x 121.5mm
Weight	: 150g (including battery)
Accessories	: Metallic and Non-Metallic Measuring plate, Measurement films, Users Manual, Battery.

TECHNICAL SPECIFICATIONS

Measurement Range	: 0~1800µm / 0~70.8mil / 1.8mm
Resolution	: 0.1µm (<100µm), 1µm (≥100µm)
	: 0.1mil / 0.001mm
Measurement Error	: ≤150µm ~ ±5µM, >150µm ~ ±3%H+1µ
Minimum diameter of Fe substrate	: 12mm
Minimum thickness of Fe substrate	: 0.5mm
Minimum curvature radius of convex of Fe substrate	: 2mm
Minimum curvature radius of concave of Fe substrate	: 11mm
Minimum diameter of nFe substrate	: 50mm
Minimum thickness of nFe substrate	: 0.5mm
Three measurement ways	: single measurement, continuous measurement, difference value measurement.
Three calibration functions	: Zero calibration

DISPLAY SPECIFICATIONS

1. **SNG**	: Single Measurement
2. **CTN**	: Continuous Measurement
3. **DIF**	: Difference Value Measurement
4. ***CAL***	: Enter Calibration mode
5.	: Battery Status
6. Display area of measured value	
7.	: Coupling Icon
8. **nFE**	: Non-Magnetic Metal Substrate
FE	: Magnetic Metal Substrate
9. **mil**	: Imperial Unit (1mil=0.0254mm / 25.4µm)
10. **µm**	: Metric Unit (1mm = 1000µm)
11. **mm**	: Metric Unit (1mm=39.4mil)



SOUND LEVEL METER
dBA

NEW!

Preliminary Data

CE

"**MECO-G**" Digital Sound Lever Meter is applicable for measurement of noise engineering, quality control, health prevention and various environmental noise, including noise measurement in such various places such as factories offices, transporting routes, families, stereo equipment and other places. The design of these instruments are novel, small and portable in nature making it handy.

FEATURES:-

1. Simple to use for measurement, the structure is compact, portable.
2. Visually displays the measurement value.
3. Low Power Indication
4. Auto Power-Off
5. Measures the Sound for Frequency of 31.5Hz ~ 8KHz
6. Measurement in dBA.

MODEL: R-126

GENERAL SPECIFICATIONS

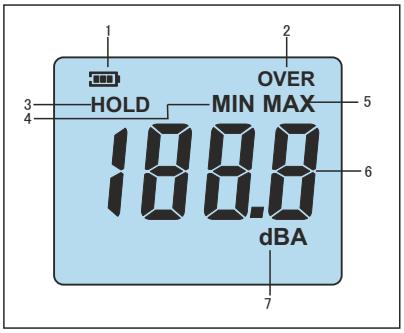
Display	: 4 Digit
Display Update Cycle	: 1 second.
Battery	: 3x1.5V AAA batteries
Battery Life	: 20 Hours continuous use
Operating Temperature	: 20~40°C
Operating Humidity Range	: 30~90%RH
Low Battery Indication	: 4.1V ± 0.2V
Auto Power Off	: Turns off Automatically in 60 seconds
Dimensions	: 56.1 x 177 x 36.03 mm
Weight	: 96.38g approx. (Without battery)
Accessories	: Users Manual, Battery.

TECHNICAL SPECIFICATIONS

Measurement Range	: 30 ~ 130dBA
Accuracy	: ± 1.5 dBA
Frequency Response	: 31.5Hz ~ 8KHz
Frequency Weighting Features	: A Weighting
Resolution	: 0.1 dBA
Working Temperature & Humidity	: 0~40°C, 10~80% RH

DISPLAY SPECIFICATIONS

1. : Battery Indication
2. **OVER** : Over Range Indication
3. **HOLD** : Data Retention
4. **MIN** : Minimum value
5. **MAX** : Maximum Value
6. Display area of measured value
7. **dBA** : Sound Level unit (A weighting)



SOUND LEVEL METER
dBA & dBC

NEW!

Preliminary Data

CE

MODEL: R-135

"**MECO-G**" Digital Sound Lever Meter is applicable for measurement of noise engineering, quality control, health prevention and various environmental noise, including noise measurement in such various places such as factories offices, transporting routes, families, stereo equipment and other places. The design of these instruments are novel, small and portable in nature making it handy.

FEATURES:-

1. Simple to use for measurement, the structure is compact, portable.
2. Visually displays the measurement value.
3. Low Power Indication
4. Auto Power-Off
5. Measures the Sound for Frequency of 31.5Hz ~ 8KHz
6. Measurement in dBA.

TECHNICAL SPECIFICATIONS

Measurement Range	: 30 ~ 130dBA, 35~130dBC
Accuracy	: ± 1.5 dB
Frequency Response	: 31.5Hz ~ 8.5KHz
Level Range	: 30~80, 50~100, 60~110, 80~130, 30~130 dB
Linearity Range	: 50dB / 100dB
Frequency Weighting Features	: A / C Weighting
Resolution	: 0.1 dB
Sampling Rate	: 2 times / Second
Bar Graph	: 50dB Scale at dB step for monitoring current sound pressure Level display. Sample Rate : 20 times / second
Over range Indication	: OVER / UNDER
AC Output	: 0.707Vrms at FS output impedance approx. 600Ω
DC Output	: 10mV / dB, output impedance approx. 100Ω
Time weight	: FAST / SLOW
Microphone	: 1/2 Inch electric condenser microphone
Display	: 4 Digit
Power	: 4x1.5V AAA batteries or DC 6V 100mA Adapter
Battery Life	: 30 Hours continuous use
Auto Power Off	: Turns off Automatically in 60 seconds
Dimensions	: 70 x 35 x 256mm
Weight	: 308g (including battery)
Accessories	: User Manual, battery, Tripod mounting screw, Windscreen & Carrying case
Working Temperature & Humidity	: 0~40°C, 10~80% RH
Storage Temperature	: -10~40°C, 0-70%RH

DISPLAY SPECIFICATIONS

1. **Level Range** : Min. Range set
2. **Under Range** : Displays if reading is below the set range
3. : Battery Status
4. **MAX** : Maximum value held during measuring.
5. Display area of measured value
6. **DB** : Measuring unit
7. **C/A** : Measuring weight
8. **BAR graph** : Analog Measurement value
9. **Over Range** : Displays if reading is above the set range
10. **SLOW** : Method of Measurement
11. **FAST** : Method of Measurement

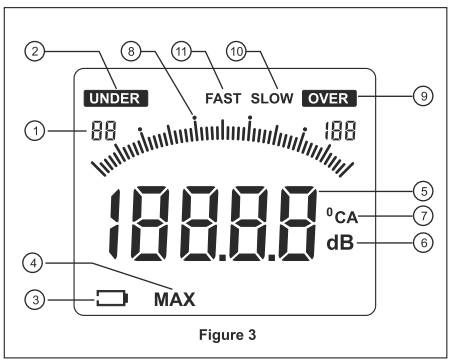


Figure 3

DIGITAL LUX METER
CLAMP ON AC ADAPTER

R-LX50B

SPECIFICATION

Display	: 3½ digit, 18mm (0.7") LCD
Ranges	: 0-50,000 Lux. (3 ranges)
Accuracy	: ± (5% rdg. + 2 dgts.)
Over-Range	: Indication of "1"
Sampling Time	: 0.4 Seconds
Operating Temperature	: 0º to 50º (32º to 122ºF)
Operating Humidity	: Less than 80% R.H.
Temperature Characteristic	: ±0.1% / ºC
Repeatability	: ±2%
Photo Detector	: One silicon photo diode with filter
Low Battery Indication	:
Data Hold	: ✓
Display in Lux	: ✓
Power Supply	: 9V Battery (6F22)
Dimensions	: 116 x 70 x 29mm (4.6x2.7x1.1 inch)
Weight	: 200g approx. (With battery)
Accessories	: Instruction Manual, Carrying Case, Battery

ELECTRICAL SPECIFICATIONS

For 20,000 Lux range reading x10 and 50,000 Lux range reading x100		
Range	Resolution	Accuracy
0-1,999Lux	1 Lux	± (5% + 2)
2,000-19,999Lux	10 Lux	± (5% + 2)
20,000-50,000Lux	100 Lux	± (5% + 2)
Calibrated to standard incandescent lamp at color temperature 2856K		

NEW!

Preliminary Data

CLAMP ON AC ADAPTER

This is a AC Current Clamp Adaptor for measurement of High Currents upto 600Amps by Digital Multi meter R-9A.

CT-600

Range	Switch Position	Accuracy
200A	1mV/1A	±3%
600A	1mV/10A	±3%

Clamp Max. Diameter: 33mm.