

MEASURING EQUIPMENTS



LEAF AREA METER

Weiber leaf area meter is compact, accurate tabletop instrument to check area of leaf. The operation is very easy, even a layman can operate. This instrument can also be used to check area of non-transparent flat surface material like cloth/paper/plastics/leather etc. This instrument is based on photometric technology.

TECHNICAL SPECIFICATION

Measuring Area: Set of circular mask plates.

Light Source: Fluorescent Light Source.

Detector: Photo sensors with built in area

Accuracy: A + .3sqcm for checking small area + 1 sq cm for checking larger area

Power Requirement: 230V, 50Hz., one CVT more than 100 VA capacity.



GLOSS METER

"Weiber Glossmeter is a compact, portable, sensitive & accurate instrument available in two models:- mains operated laboratory purpose and handy battery operated for the measurement of different geometry 45 deg., 60 deg., 85deg etc.

The above instruments can be used for the measurement of gloss/brightness of paints, opaque glasses, plastics, ceramics, porcelains, paper, cloths, pigments, flours, powder etc. This instrument is also useful to measurement of Brightness/whiteness of Plantation white sugar & measurement of reflectance of fabrics.

DIGITAL GLOSSMETER

GD, Range : 0 - 100 Gloss Unit, Accuracy : 1%, mains operated along with any of head 45/60/85 degree.

MD, Range: 0-100 gloss unit, Acc.1%, Battery operated

SPECIFICATIONS

RANGE	0 - 99.9 gloss units	0 - 99.9 gloss units
ANGLE HEADS	20,45,60, 85 degree	20,45,60, 85 degree
ACCURACY	1 unit	1 unit
POWER SUPPLY	230V, 50 Hz	9V battery, Pencils cells
DISPLAY	3-1/2 LED	3-1/2 LED
SENSOR	V(x) Silicon Photodiode	V(x) Silicon Photodiode
LIGHT SOURCE	CIE illuminant A	Specially designed lamp
STANDARDS	Black, White tile	Black, White tile
FILTERS	optional	optional

COLOR GAUGE & WATER DEPTH MEASURING METER



COLOR GAUGE METER

4-channel color analyzer for assessing exact filtration. Suitable for processing color and reversal papers. Selective or average metering. Swivel measuring head with 5mm (0.2 in) measuring point and channel switch. Insensitive to darkroom safelight. Mechanically adjustable memory for storage without power supply. Measuring range log. density: +/- 3.5

Complete with diffuser and screwdriver.



WATER DEPTH MEASURING METER

Accurate water level measurements

Obtain measurements in seconds

Avoid cross-contamination

No equipment to clean

Works in cased steel or PVC-capped wells, partially cased rock wells, crooked wells, and wells with pipes, wiring, and operating pumps.

SPECIFICATIONS

Performance: Measurement range: Normal 10-500' or Deep up to 1200'

Readout accuracy: +0.1'

Measurement accuracy: + 0.2% of reading*

Operating temperature: 30-140° F

Power: 8 AA dry cell batteries

Dimensions: (excluding sonic measuring duct) Length: 7"; Height: 4"; Width: 5"

Sonic measuring duct diameter: 5/8"

Hole diameter must be at least large enough for 1/2 pipe thread.

Sonic measuring duct length: 2

COLOR TARGET COMPARATOR

CR-10 is designed to compare two colours and to identify where they differ and by how much. In-line colour control and shade sorting becomes very fast and easy with the line operators being capable of routine Q.C. inspections. Unlike other inexpensive colour comparators the CR-10 displays the internationally recognised Lab or Lch colour notation schemes.

FEATURES

Very compact design, weighs only 360g.

Single handed operation

Colour difference displayed in terms of D (L*a*b*) or D (L*C*h*)

Printer output option

Mains powered option

Inter instrument agreement better than 0.3D E (matched instruments are available on request).



TECHNICAL SPECIFICATIONS

ILLUMINATING / VIEWING GEOMETRY	8/d, (8° illumination angle with diffuse viewing)
MEASURING AREA	8mm diameter
LIGHT SOURCE	Gas filled tungsten lamp. CIE Standard illuminant C
DISPLAY MODES	D (L*a*b*) / D E*ab or D (L*C*h*) / D E*ab
TARGET COLOUR MEMORY	1 channel, set by the operator
MEASUREMENT RANGE	L* 10 to 100
MEASUREMENT CONDITIONS	CIE 10 standard observer
REPEATABILITY	Standard deviation within D E*ab 0. (average of Readings on a white tile)
MEASUREMENT SPEED	Approximately 1 second
POWER SOURCE	Four AA- sized batteries
BATTERY LIFE	Alkaline-manganese type: approx. 2000 readings, Ni-Cd type: approx 600 read.
DISPLAY	16 character by 2 row dot matrix LCD
WORKING TEMPERATURE RANGE	0 to 40 C, less than 85% RH
STORAGE TEMPERATURE RANGE	-20 to +40 C
DIMENSIONS (WXHXD)	59x158x85mm
WEIGHT	360g (not including batteries)
SUPPLIED WITH	Soft carrying case, protective cap, wrist strap, four AA batteries

DIGITAL COATING THICKNESS, DIGITAL VISCOMETER & LASER DISTANCING MEASURING METER



DIGITAL COATING THICKNESS METER

Pocket size and tallboy type coating thickness meter with built-in probe. Simple layout of the keys allows us to easily operate with a single hand the setting of the characteristics of substrates by means of zero adjustment and standard calibration.

Range: 0 to 999 μ m to 3.00mm

Accuracy: +0.1'

Probe: 1-point contact type with V groove

Add. Function: 0.1 μ m (under 100 μ m)

Power: Dry battery R03 (1.5V) \times 2

Dimensions & Weight: 56 \times 109 \times 34mm, 140g



DIGITAL VISCOMETER

A broad range of measurement is now available in a single instrument—the multi-range Acm 52301 digital viscometer.

Superior repeatability and linearity is insured by a design which incorporates a unique combination of a proprietary pivotless mechanism with a torque balance servo system.

The power of the Acm 52301 lies in its multi-range capability which enables a five-fold increase in measurement range over conventional models providing unparalleled cost performance and convenience.

LASER DISTANCING MEASURING METER

Proven construction combined with modern functions make the LT-1 the perfect instrument for precise, efficient measuring. Easily calculate areas, volumes, and segments without a tape measure. Just point and shoot! Productivity is increased and costs are lowered.

Measure Width and Distance; Calculate Areas, Volumes,

Simple and Easy to Learn Digital Interface

Large, Clear LCD Display

Lightweight and Easy-to-Use

Integrated Visible Laser Beam

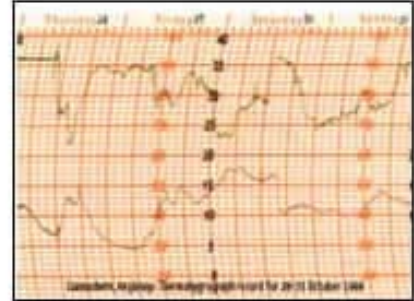
Illuminated Display And Segments



THERMO HYGROGRAPH & DIGITAL REFRACTOMETER



THERMO HYGROGRAPH



FEATURES

- The case is made of clear plastic so that data can be read easily without removal.
- Disposable ink cartridge pen lasts approximately one year.
- The durable, lightweight cylindrical aluminum drum turns clockwise on a direct gear drive.
- Recording paper charts are available in 1, 7, 31, 62 and 93 day cycles.
- The upper range of the chart records temperature, the lower range records relative humidity.
Two Dry cell batteries installed underneath the bottom plate can power the unit for approximately one year of continuous use.
- Selection of a 1, 7, 31, 62 or 93 day cycle can be made with a push of the keypad.
- Printed circuit board has durable solid state electronics.

APPLICATIONS

- Libraries
- Food & Paper Storage Areas
- Computer Rooms
- HAV

DIGITAL REFRACTOMETER



Weiber digital refractometer which has been developed for compactness and ease of operation. It is ideal for the quality control, research and development of new products within the food, beverage and other industries. A reading of the DBX-55A can be shown to the second decimal place.

When a reading is shown to two decimal places, the accuracy of measurement is ± 0.1

MEASUREMENT RANGE	Brix 0.0 to 55.0%
MINIMUM SCALE	Brix 0.1% or 0.01% (selective by switching operation)
MEASUREMENT ACCURACY	Brix $\pm 0.1\%$ or -0.15 to $+0.14\%$ (at 10 to 30 oC) Brix $\pm 0.2\%$ or -0.25 to $+0.24\%$ (at 5 to 10 oC or 30 to 40 oC)
MEASUREMENT TIME	3 seconds
OUTPUT TERMINAL	Printer or RS-232C

COMPANY PROFILE :

With over a decade of industry experience in manufacturing scientific laboratory instruments, we have established ourselves with the name of ACMAS Technocracy (P) Ltd. to provide highest quality instruments to laboratories, pathologies, entomologies, pharmaceuticals, research centers etc. We have successfully catered the needs of above 600 institutions in India and abroad for the last 22 years. The dedicated and cumulative efforts of ACMAS team members has produced and delivered the comprehensive range of scientific instruments and laboratory products research projects where maintaining a viable record of the performance of the equipment is very essential.

COMPANY'S OUTLOOK :

ACMAS Technocracy (P) Ltd. enjoys an amazing image for high quality scientific laboratory instruments across the globe. The continuous innovative technology and 'Quality Management System Standard' delivers the advanced laboratory experiments and general-purpose measuring instruments solution to various laboratories, sterilizing clean rooms, microbiologies, biotechnologies, pathologies, entomologies, pharmaceuticals, seeds and soil testing, meteorologies food processing. We also believe in providing customized instruments solution to our esteemed clients.

MANUFACTURING FACILITIES :

The company has well built and operated manufacturing facilities that matches the latest system and technique in the industry. Our team strictly follows the quality control standards of ISO 9001:2000 series while designing, developing, manufacturing and delivering the scientific instruments. The manufacturing unit of ACMAS is made with complete state-of-the-art equipments and technologies for producing high quality instruments. We also acquired Environmental Friendly process certifications ISO14001:2004 for our entire range of instruments to ensure reliability and durability in each product.

RANGE OF PRODUCTS :

Our wide array of AUTOCLAVE, INCUBATORS OVENS, LAMINAR AIR FLOW, MOISTURE METERS, WATER DISTILLATION PLANTS, LABORATORY BALANCES, WATER BATH, CENTRIFUGE, COOLING EQUIPMENTS, WATER TESTING EQUIPMENTS, LABORATORY SHAKING MACHINE, MICROTOME, MICROSCOPE, MEASURING INSTRUMENTS AND ALLIED products to ensures accuracy and conformity for significant experiments. We also customize some of our product range and technologies for educational, medical, industrial or other laboratories for better work experience. Our pre sale and post sales support are also admirable and popular among our satisfied clients.

QUALITY STANDARDS :

At ACMAS Technocracy (P) Ltd, we design and develop the complete range of scientific and laboratory instruments with highest quality standards. We constantly update technologies and methodologies to ensure reliability and consistency at each level of instruments production. Our all transparency auditing system are performed by the most reliable D & B International as we want to deliver the world class quality instruments to our national and international clients. We feel proud that our entire product range has brought satisfactory results for the corporate and public sector clients.

PROFESSIONAL TEAM :

The continuous cooperation and support of professional team has helped us to understand and deliver the satisfactory scientific instruments right from basic lab equipment to most sophisticated instruments for research labs. We believe that our tremendous success belongs to our expert engineers, managers, co-workers and other significant team members who have put their best efforts in the growth of the organization. It is their dedication and commitment that makes us the most trusted scientific instruments brand among our all satisfied clients.

FORTE :

We strive hard to cater our clients with best product range and services while meeting international standards. Our aim is to meet the overwhelming demand of the scientific community and provide them the world class quality scientific instruments along with the best after sale support.

OUR LIST OF CUSTOMERS



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ACMAS TECHNOCRACY (P) LTD

MARKETING & SALES :

Atul Badola (Manager Marketing)
atulbadola@gmail.com, atul@acmasindia.com

PRODUCTION :

K.K. Pawar (Manager Production)
kk@acmasindia.com

TECHNICAL SUPPORT :

Sandeep Bose (Manager Technical Support)
sandeep@acmasindia.com

PRE AND POST SALES CUSTOMER SUPPORT :

Sonia Nathani (Co-ordinator Customer Support)
sonia@acmasindia.com

BUSINESS DEVELOPMENT :

Abha Verma (Executive- Business Development)
abha@acmasindia.com

ACCOUNTS AND FINANCE :

Meghna Arora (Executive – Accounts)
meghna@acmasindia.com

PRODUCT DEVELOPMENT :

Nishu Tomar (Executive – Product Development)
nishu@acmasindia.com

PHONE :

HAND PHONES :

+91-0-9717741167, +91-0-9312219738,
+91-0-9313971681, +91-0-9350565689

LAND LINE - OFFICE :

+91-011-23643054, +91-011-23646703

LAND LINE - WORKS :

+91-011-22942133, +91-011-22943508

TELEFAX :

+91-011-23646703

WORKS :

UNIT I :

A-100/1 Main Som Bazar Road,
Gamri Extension PO: Maujpur,
Delhi - 110052 (INDIA)

UNIT II :

1/6 DSIDC Complex,
Nand Nagri,
Delhi - 110 032 (INDIA)

SALES OFFICE :

312-313 Vardhman Capital
Mall, Local shopping Complex,
Gulabi Bagh, Delhi - 110054 (INDIA)