



LABORATORY BALANCES

Physical Balance

TECHNICAL DATA :

- ❑ Beam : Finest light brass beam.
- ❑ Knife-edges and planes : Made of finest agate.
- ❑ Case : Wodden polished case with divided doors.
- ❑ Maximum Capacity : 250 Gms.
- ❑ Sensitivity : 1mg.
- ❑ Knife edges : Agate.
- ❑ Bearings : Agate.
- ❑ Capacity : 200g.
- ❑ Sensitivity : 1mg.
- ❑ Pans : Stainless steel, diameter 100mm.
- ❑ Overall dimensions : 420 x 240 x 380 mm (l x b x h).



Chemical Balance

TECHNICAL DATA :

- ❑ Beam : Short beam of hard brass.
- ❑ Stand : All parts of brass
- ❑ Case : Wooden polished case, with front slider and two side doors.
- ❑ Base : Sunmica black board.
- ❑ Sensitivity : 1/5 mg.
- ❑ Knife edges : Agate.
- ❑ Bearings : Agate.
- ❑ Capacity : 200g.
- ❑ Sensitivity : 0.2mg.
- ❑ Pans : Inverse stainless steel, diameter 70mm.
- ❑ Overall dimensions : 365 x 265 x 455mm (l x b x h).



Infra Red Moisture Balance

THE MEASURING RANGE OFFERS :

- ❑ Simple Operation.
- ❑ Rapid Results.
- ❑ Repeatabilities of 0.01%.
- ❑ Sample weight upto 71g.
- ❑ Fully automated operation.



INFRA RED MOISTURE BALANCE AUTOMATIC :

For rapid laboratory quality moisture determinations at a touch of a button, the Acm 78093 L (a) halogen moisture balances set the standard.

Using controllable halogen heaters, moisture is gently but rapidly driven off from the sample. The integral quality balance and onboard computer calculate the weight loss giving accurate measurements within minutes.

Using intelligent design and high quality parts; repeatability of 0.01% is achieved.

The range offers three instruments, with varying degrees of sophistication.

INFRA RED MOISTURE BALANCE - MECHANICAL - ACM 78093 L (B) :



WITH ELECTRONIC REGULATOR

Very easy to operate with an accuracy of 0.2% by direct reading and 0.1 % by estimation. Available unit 5gms , 10gms and 25 gms. Supplied with an L - shape Glass thermometer for reading the Temperature, 12 nos. Disposable pans Infra-red bulb.

Electronic Top Loading Balance

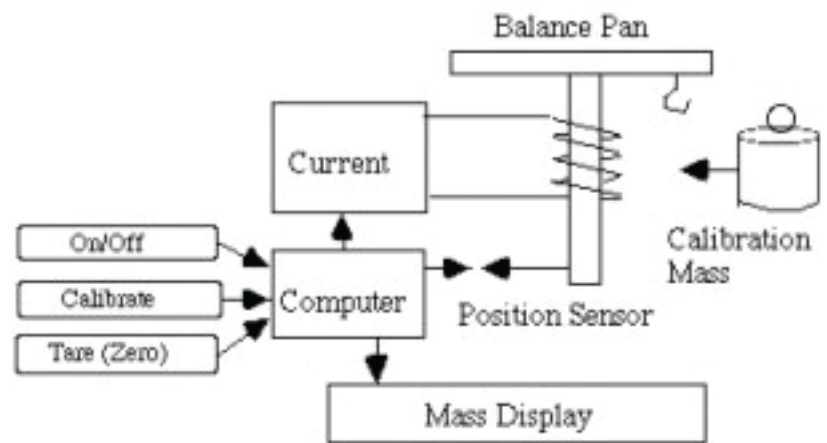
- ❑ High contrast LCD displays weight and text messages to guide you every step of the way.
- ❑ AC powered or battery operated so you can take your lab with you.
- ❑ The perfect size — big enough for large loads but small enough to carry.
- ❑ Large stainless steel weighing pans.
- ❑ Windshield protects pan and blocks air currents for stable results.
- ❑ Standard RS 232 interface.
- ❑ Parts Counting and percent weighing.
- ❑ Animals Weighing.
- ❑ Below balance weighing facility.
- ❑ Die cast aluminum design for long term stability and accurate result.
- ❑ Density determination for Solid and liquid.
- ❑ Various weighing units like ct, gm, oz, dwt, mom, GN.
- ❑ ISO-GLP compliance printouts (Optional).



FEATURES :



How the Electronic Balance Works



Electronic Top Loading Balance

TECHNICAL SPECIFICATIONS :

Capacity x Readability (carats)	605 x 0.001 ct
Capacity(g) x Readability (mg)	121 g x 0.2 mg
Reproducibility (std deviation) carats (ct) milligrams (mg)	± 0.001 ct ± 0.2 mg
Linearity carats (ct) milligrams (mg)	± 0.002 ct ± 0.4 mg
Response Time (average)	3 seconds
Tare Range	FULL to Capacity
Selectable Weight Units	g, ct, lb, oz, ozt, tlb, tls, tlt, Gn, dwt, mg, parts/lb, tlc, mom, K, tol, bat, and MS
Selectable Application Programs	Mass unit conversion by toggling, tare memory, net total, weighing in percent, counting, averaging
Display Update	0.1 - 0.4 seconds depended upon filter level selected
Display	LCD
Allowable Ambient Operating Temperature	5° C to 40 ° C (41° F to 104° F) 85% RH or less
Sensitivity Drift (10° - 30°C/50°F-86°F)	± 2 ppm / °C
External Calibration	100g
Pan Size	$\varnothing 90$ mm / 3.5 in (standard round pan)
Draft Shield Chamber Height (from pan to top of glass door)	133 mm / 5.23 in
Dimensions (entire balance) W x D x H	200 x 270 x 233 mm 7.9 x 10.6 x 9.2 in
Built-in RS-232 Interface	YES - RS-232 interface is standard but the RS-232 cable is optional
Weighing Below	Not Available. Common applications for weighing below the balance include density determination.
AC Power Source	AC Adapter 120 VAC
Standard Equipment	120V AC Adapter, Stainless steel weighing pan, 100g external cal mass
Optional Accessories	Printer, RS-232 cable, RS-232 to USB converter kit, Carrying case, Rechargeable external battery pack, SartoConnect data transfer software



Electronic Platform Balance

- ❑ Cost effective solution of High precision weighing requirements.
- ❑ Affordability and reliability, which is the benchmark of every Weiber scale.
- ❑ Most comprehensive and economical weighing range in the Sub continent.
- ❑ Amazingly fast response time for frequent weighing cycles.
- ❑ Built in Battery back up !!! And its FREE.
- ❑ Precision Load Cell.
- ❑ Advanced Micro Processor.
- ❑ Bright LED display.
- ❑ Full Tare Function.
- ❑ Auto Calibration Facility.
- ❑ Rugged Construction with over load Protection.
- ❑ No moving Parts, Hence maintenance free.
- ❑ Optional: Piece Counting, Battery Backup Second display for remote viewing.



Features include mass unit conversion, pcs counting, animal weighing, modes for stable and unstable weighing environments, Selectable auto power off time, Selectable calibration on / off function, digital printing options, back light on/off selection and many more which will ease your weighing application.

SPECIFICATIONS :

MODEL	CAPACITY	DIVISION	PLATFORM SIZE
Acm 78095-L	30Kg	2g	400x400 mm
Acm 78095-L	60Kg	5g	400x400 mm
Acm 78095-L	60kg	5g	400x500 mm
Acm 78095-L	120kg	10g	400x500 mm
Acm 78095-L	200kg	20g	400x500 mm
Acm 78095-L	300kg	50g	400x500 mm
Acm 78095-L	120kg	10g	550x600 mm
Acm 78095-L	150kg	10g	550x600 mm
Acm 78095-L	200kg	20g	550x600 mm
Acm 78095-L	300kg	20g	550x600 mm
Acm 78095-L	300kg	50g	550x600 mm

Profile

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 :

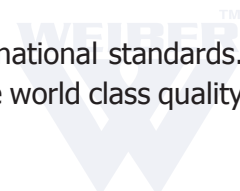
At ACMAS Technocracy (P) Ltd, we design and develop the complete range of scientific and laboratory instruments with highest quality standards. We constantly update technologies and methodologies to ensure reliability and consistency at each level of instruments production. Our all transparency auditing 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.



Clients

OUR LIST OF CUSTOMERS :



DS GROUP



RANBAXY
LABORATORIES LIMITED



COLUMBIA ASIA
21st Century Healthcare



Clients

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Our Presence World Wide



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