

# High Precision Balance ATL Series - 3221



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company





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## ►► STANDARD FEATURES

- Automatic External calibration
- 2,00,000 internal resolutions
- Easy to read LCD display with backlight;
- Multifunction weighing unit as like g, ct, etc.
- Full tare range up to max capacity of the balance Counting weighing functions
- Standard RS 232 Interface
- S.S Weighing Pan, Level Indicator, Adjustable Fit
- Inbuilt rechargeable battery for continuous use (optional)
- Zero tracking function

## ►► TECHNICAL DATA

<b>Max Capacity</b>	220g	320gm	510gm	1000gm	1200gm
<b>Readability (G)</b>	0.001g				
<b>Linearity ±</b>	0.002g				
<b>Stabilization Time</b>	2-3 sec				
<b>Communication</b>	RS-232				
<b>Calibration</b>	Automatic External Calibration				
<b>Weight Units</b>	Multi weighing units				
<b>Power</b>	DC9V / 500mA or 6V / 1.3Ah rechargeable battery (optional)				
<b>Display</b>	Large LED with backlight display				
<b>Working Temperature</b>	10°C - 40°C				
<b>Tare Range</b>	Full				
<b>Working Temperature</b>	10°C - 40°C				
<b>Tare Range</b>	Full				
<b>Pan Size</b>	85 Φ mm to 125 Φ mm				

-  Weighing
-  Net / Total
-  Piece counting
-  Check Weighing

-  Animal Weighing
-  Density determination
-  Below balance weighing

- **IP Protection : IP 54**
- **Spacious draft shield interior..**
- **Two tare keys (Left & Right).**

<b>Sprit leveling</b>	Balances have adjustable feet for maintaining / providing uniform level.
<b>The Brilliant Mono-Tech</b>	Unique & Unequalled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.
<b>Easy Data Transfer</b>	Interface RS 232C Optional USB (Windows direct communication).
<b>Overload Protection</b>	Capacity tracker built into display for easily monitoring possible overloads.
<b>Excellent Readability</b>	High-contrast, backlit display 15mm digits size is exceptionally easy to read under any room lighting conditions.
<b>GLP</b>	Built-in clock make all your documents ISO / GLP / GMP compliance.
<b>Anti-theft device</b>	Balances are equipped with a lug for optional anti-theft device. The anti-theft device (cable with lock) is suitable for all models.
<b>Statistics</b>	This smart feature enables the user to obtain the statistics of the data stored in the scale including details such as number of readings, minimum value, maximum value, standard deviation, difference and Coefficient of variance.

-  CAL EXT
-  UNIT
-  Form
-  5%
-  FIL
-  Statistical
-  GLP
-  OL
-  PC RS 232
-  WD Windows Direct
-  ANTI
-  CT
-  PT
-  Auto off
-  LVL
-  IP54
- 

Model	ATL 3123	ATL 3223	ATL 3323	ATL 3363	ATL 3423	ATL 3513
Capacity	120 gm	220 gm	320 gm	360 gm	420 gm	510 gm
Readability	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm
Repeatability (sd)	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm
Linearity (+/-)	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm
Tare Range (Subtractive)	Full Capacity					
Pan Size (mm)	110 ø					
Response Time	2 - 3 Sec.					
Display	Alpha Numeric LCD Display					

Calibration	Automatic External Calibration
Units of measure	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS
Operating Temp.	15° to 35°C
Sensitivity Drift.	± 1ppm (1 x 10 / °C)
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing Check Weighing, Automatic Density, Determination, Formulation Automatic Statistic Calculator etc.
Operating Temp.	15° to 35°C
Power Supply	C Adaptor, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz
Compliance	ISO, GLP / GMP USP Compliance
Balance Size (WxDxH) mm	342.5 x 212 x 271 / Chamber Height :158:5
Weight Approx	7.5 kg

▶▶ **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings : We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- Instruments : We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.



▶▶ **About Analytical Technologies**

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the globe. Analytical Technologies Limited is an ISO :9001 Certified Company engaged in Designing, Manufaturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

▶▶ **Our Products & Technologies**

						
UV/VIS Spectro 2080+ Double Beam	Infra FTIR	Optima Gas Chromatograph 3007	Optima Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	Semi Auto Bio Chemistry Analyzer	HEMA 2062 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon 3800
						
Fully Automated CLIA	NOVA-2100 Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	TOC Analyzer	Laser Particle Size Analyzer	Ion Chromatograph	Water purification system

▶▶ Regulatory compliances



▶▶ Corporate Social Responsibility

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1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [info@analyticalfoundation.org](mailto:info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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