

Basic Balances

Toploading Balances

Moisture Analyzer

Analytical Balances



Moisture Analyzer



Toploading Balances



Analytical Balances



Basic Balances



Idea

PHOENIX INSTRUMENT GmbH starts with a new concept to comply customer demands for high-quality but also well-priced laboratory instruments.

Implementation

Absolute customer orientation and satisfaction is the focus of all activities of PHOENIX INSTRUMENT.

Your Benefit

As our customer you will take advantage of our long market experience, the attractive prices and the short delivery times. We guarantee comprehensive and competent consultations in all aspects and will always listen to your wishes, ideas and suggestions. It goes without saying that PHOENIX INSTRUMENT offers a technical service, if required.

Weighing Technology

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AP - Series

The AP-series is the first line of semi-micro balances, equipped with the revolutionary UNIBLOC-weighing system. It guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.

AP-Series

- automatic adjustment to environmental conditions
- huge, user-friendly weighing chamber
- RS-232 interface
- easy handling of all procedures
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %, density determination)
- weighing in different units
- weighing below the balance
- GLP/GMP-conform protocol
- user-defined printing intervals
- protection cover as standard
- backlit display (only at 0.1 mg)
- aluminum die-cast housing
- EU verified on demand

5 Years
Warranty

Three calibration procedures

- fully automatic calibration after temperature deviation
- fully automatic calibration at user-defined time intervals
- calibration per push CAL-button with built-in calibration weight

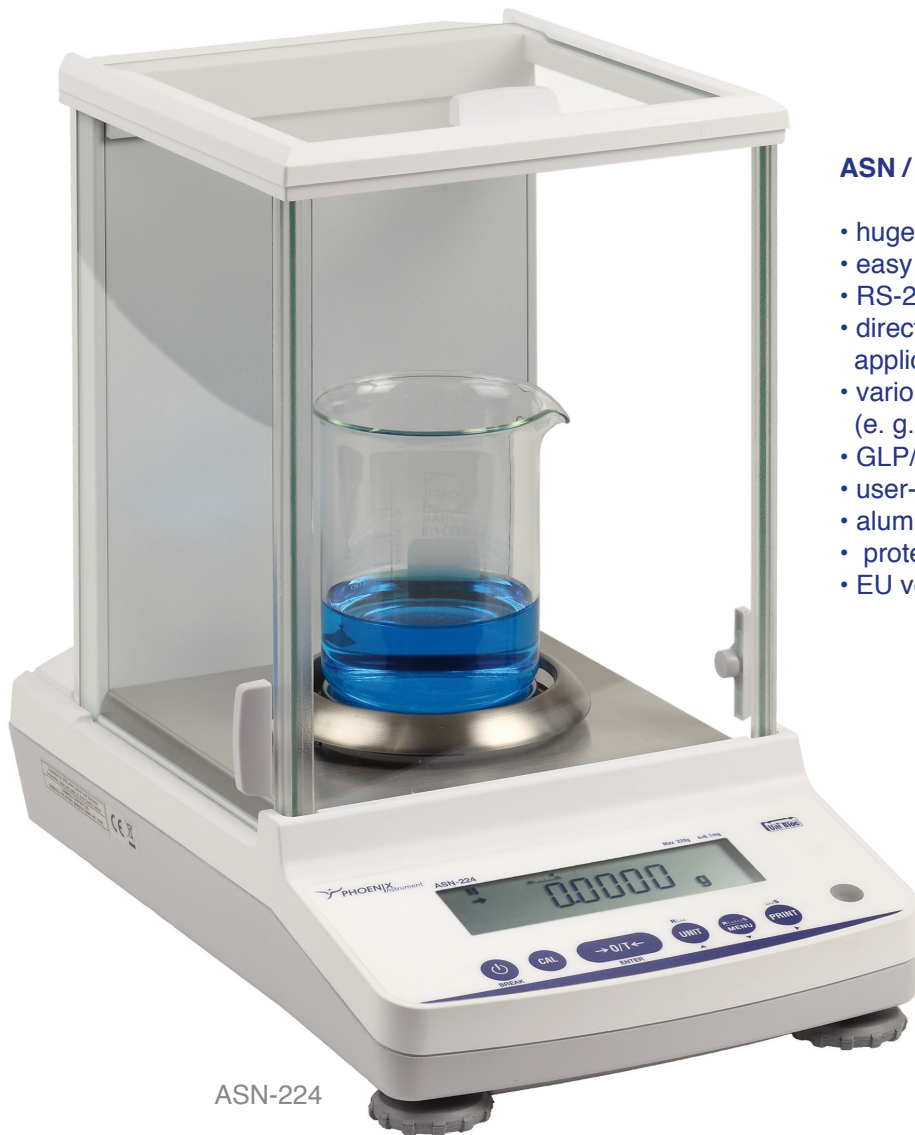


AP-224

Model	Accuracy	Capacity	Pan Size	Meas. Time	EU Verification
AP-225	0.01 mg / 0.1 mg	82 g / 220 g	80 mm	3/15 sec	no
AP-225V	0.01 mg / 0.1 mg	82 g / 220 g	80 mm	3/15 sec	yes
AP-125	0.01 mg / 0.1 mg	42 g / 220 g	80 mm	3/12 sec	no
AP-125V	0.01 mg / 0.1 mg	42 g / 220 g	80 mm	3/12 sec	yes
AP-324	0.1 mg	320 g	80 mm	3 sec	no
AP-324V	0.1 mg	320 g	80 mm	3 sec	yes
AP-224	0.1 mg	220 g	80 mm	3 sec	no
AP-224V	0.1 mg	220 g	80 mm	3 sec	yes
AP-124	0.1 mg	120 g	80 mm	3 sec	no
AP-124V	0.1 mg	120 g	80 mm	3 sec	yes

ASN / ABN - Series

The ASN / ABN-Series is the all-round analytical balance for the laboratory. It guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.



ASN / ABN-Series

- huge, user-friendly weighing chamber
- easy handling of all procedures
- RS-232 interface
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- GLP/GMP-conform protocol
- user-defined printing intervals
- aluminum die-cast housing
- protection cover as standard
- EU verified on demand

3 Years
Warranty

ASN-224

Model	Accuracy	Capacity	Pan Size	Calibration	Meas. Time	EU Verification
ASN-324	0.1 mg	320 g	90 mm	internal	2 - 3 sec	no
ASN-224	0.1 mg	220 g	90 mm	internal	3 sec	no
ASN-224V	0.1 mg	220 g	90 mm	internal	3 sec	yes
ASN-124	0.1 mg	120 g	90 mm	internal	3 sec	no
ASN-124V	0.1 mg	120 g	90 mm	internal	3 sec	yes
ABN-224	0.1 mg	220 g	90 mm	extern	3 sec	no
ABN-124	0.1 mg	120 g	90 mm	extern	3 sec	no

BTG-224

The new analytical balance BTG-224 is ideal for all lab purpose. It combines easy handling, modern design and precise results.



BTG-224

- internal calibration
- reliable weighing system
- GLP-conform protocol (when connected to PC or printer)
- different user programs
- RS-232 Interface
- protection cover

3 Years
Warranty

BTG-224

Technical Data	BTG-224
Capacity	220 g
Accuracy	0.1 mg
Reproducibility	0.1 mg
Linearity	0.2 mg
Meas. time	3 sec
Rechargeable Batteries	yes
Pan size	90 mm
Dimension	yes

BTA-Series

The BTA-Series is equipped with the revolutionary UNIBLOC-weighing system. It guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.

BTA-Series

- automatic adjustment to environmental conditions
- easy handling of all procedures
- RS-232 interface
- weighing in different units
- weighing below the balance
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, animal weighing...)
- GLP/GMP-conform protocol
- user-defined printing intervals
- aluminum die-cast housing
- protection cover as standard
- backlit display
- EU verified on demand

5 Years
Warranty



BTA-6202

Three calibration procedures

- fully automatic calibration after temperature deviation
- fully automatic calibration at user-defined time intervals
- calibration per push CAL-button with built-in calibration weight

Model	Accuracy	Capacity	Pan Size	Meas. Time	EU Verification
BTA-1023	0.001 g	1,020 g	108 x 105 mm	3 sec	no
BTA-623	0.001 g	620 g	108 x 105 mm	3 sec	no
BTA-623V	0.001 g	620 g	108 x 105 mm	3 sec	yes
BTA-423	0.001 g	420 g	108 x 105 mm	3 sec	no
BTA-423V	0.001 g	420 g	108 x 105 mm	3 sec	yes
BTA-6202	0.01 g	6,200 g	170 x 180 mm	3 sec	no
BTA-6202V	0.01 g	6,200 g	170 x 180 mm	3 sec	yes
BTA-4202	0.01 g	4,200 g	170 x 180 mm	3 sec	no
BTA-4202V	0.01 g	4,200 g	170 x 180 mm	3 sec	yes
BTA-2202	0.01 g	2,200 g	170 x 180 mm	3 sec	no
BTA-2202V	0.01 g	2,200 g	170 x 180 mm	3 sec	yes
BTA-822	0.01 g	820 g	170 x 180 mm	3 sec	no
BTA-822V	0.01 g	820 g	170 x 180 mm	3 sec	yes
BTA-8201	0.1 g	8,200 g	170 x 180 mm	3 sec	no
BTA-4201	0.1 g	4,200 g	170 x 180 mm	3 sec	yes

BTB-Series

The BTB-Series is equipped with the revolutionary UNIBLOC-weighing system which guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability. Calibration per push on the CAL-button with an external calibration weight.

BTB-Series

- automatic adjustment to environmental conditions
- easy handling of all procedures
- RS-232 interface
- weighing in different units
- weighing below the balance
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %, animal weighing ...)
- user-defined printing intervals
- aluminum die-cast housing
- backlit display
- protection cover as standard



5 Years
Warranty

BTB-6202

External Calibration
3 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTB-623	0.001 g	620 g	108 x 105 mm
BTB-423	0.001 g	420 g	108 x 105 mm
BTB-6202	0.01 g	6,200 g	170 x 180 mm
BTB-4202	0.01 g	4,200 g	170 x 180 mm
BTB-2202	0.01 g	2,200 g	170 x 180 mm

BTC-Series

The brandnew BTC-Series sets new standards with the revolutionary weighing system UNIBLOC and the state-of-the-art design.

5 Years
Warranty



BTC-Series

- built-in calibration weight
- separate stability indication
- RS-232 interface
- huge weighing chamber with glass wind protection as standard
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings
- EU verified on demand



BTC-423V

Internal Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTC-423	0.001 g	420 g	110 mm
BTC-323	0.001 g	320 g	110 mm
BTC-223	0.001 g	220 g	110 mm

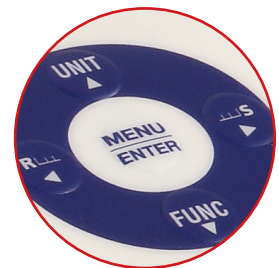
BTD-Series

The BTD-Series combines state-of-the-art design, easy handling, extensive equipment and brilliant weighing results delivered by using the revolutionary UNIBLOC-weighing system, to a unique standard balance.

BTD - Series

- calibration per push on the CAL-button with an external calibration weight
- separate stability indication
- RS 232 interface
- huge weighing chamber with glass wind protection as standard (mg-balances)
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings
- many models EU verified on demand

5 Years
Warranty



BTD-3202

External Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTD-423	0.001 g	420 g	110 mm
BTD-323	0.001 g	320 g	110 mm
BTD-223	0.001 g	220 g	110 mm
BTD-4202	0.01 g	4,200 g	167 x 181 mm
BTD-3202	0.01 g	3,200 g	167 x 181 mm
BTD-2202	0.01 g	2,200 g	167 x 181 mm

BTE-Series

State-of-art-design, smart handling, extensive equipment, top prices.

BTE-Series

- calibration per push on the CAL-button with an external calibration weight
- separate stability indication
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- RS 232 interface
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings



BTE-622

External Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTE-622	0.01 g	620 g	110 mm
BTE-6201	0.1 g	6,200 g	160 mm
BTE-4201	0.1 g	4,200 g	160 mm

BTF-Series

The brandnew BTF-series offers an excellent economical alternative in the range of toploading balances with an accuracy of 0.001 g to 0.01 g.

BTF-Series

- internal calibration weight (BTF-1003i, BTF6202i, BTF-4202i)
- huge, backlit display
- glass ring protection as standard at mg-balances
- convenient and easy operation
- various application programs
- RS-232-interface

3 Years
Warranty



BTF-1003

3 seconds measuring time

Model	Accuracy	Capacity	Pan Size	Calibration
BTF-1003	0.001 g	1,000 g	110 mm	extern
BTF-1003i	0.001 g	1,000 g	110 mm	inten
BTF-6202	0.01 g	6,200 g	160 mm	extern
BTF-6202i	0.01 g	6,200 g	160 mm	inten
BTF-4202	0.01 g	4,200 g	160 mm	extern
BTF-4202i	0.01 g	4,200 g	160 mm	inten

BTG-Series

The brandnew BTG-series consists of multi-functional balances with a number of application programs. They are easy to handle and well-equipped. The internal rechargeable battery ensures a maximum of portability.

BTG-Series

- large, bright display
- intuitive and easy operation, large weighing pan
- Model BTG-303 with protection housing
- Calibration weight included
- various application programs
- RS-232 interface

3 Years
Warranty



BTG-303



BTG-2002

External Calibration

Model	Accuracy	Capacity	Pan Size	Meas. Time
BTG-303	0.001 g	300 g	118 mm	2-3 sec
BTG-2002	0.01 g	2,000 g	188 x 148 mm	2 sec
BTG-6001	0.1 g	6,000 g	188 x 148 mm	2 sec

Entry-Level Model CB-2002 N and CB-6001 N

New entry-level balance for fast and reliable results at an affordable price.

CB-Serie

- backlit LCD - display
- rechargeable battery included
- various programs
- external calibration
- stainless steel pan

2 Years
Warranty



CB-2002 N

Technical Data	CB-2002 N	CB-6001 N
Capacity	2,000 g	6,000 g
Accuracy	0.01 g	0.1 g
Reproductibility	0.02 g	0.2 g
Linearity	+/- 0.03 mg	+/- 0.2 mg
Meas. time	3 sec	1.5 sec
Rechargeable batteries	yes	yes
Pan size	160 x 120 mm	192 x 143 mm

Moisture Analyzer BM-60



BM-60

BM-60

- the large, backlit graphic display for easily read out even under poor lighting conditions
- the huge sample pan allows placing even larger samples on the instrument
- infrared quartz heater provides effective and homogen drying without interference
- auto-zero function ensures high accuracy measurements
- graphic display of the drying curves
- 5 different drying modes can be combined with 2 stop-functions



Technical Data	BM-60
Capacity	60 g
Accuracy	0.001 g / 0.01 %
Reproducibility	0.002 g / 0.05 %
Pan size	95 mm
Meas. units	Gram, % Moisture, % Solids
Stabilisation time	2-3 sec
Internal memory	10 Programs, 100 Test results
Calibration	automatic external
Heating source	400 W-Halogen heater, 50 - 160 °C
Drying programs	Standard, Drying in steps, gentle and fast huge
Display	large backlit LCD display

Moisture Analyzer BM-65

The newly developed moisture analyzer BM-65 is characterized by numerous features, helping the user to make working and testing with the instrument easy and convenient.

BM-65

- large, backlit display for easy readouts
- various parameters can be displayed simultaneously
- automatic test function
- powerful 400 W halogen heater
- internal memory
- automatic test run after the lid is closed
- pan lifter makes placing and changing of probes easier
- bi-lingual menu
- RS232 interface



BM-65



3 Years
Warranty

Technical Data	BM-65
Capacity	65 g
Accuracy	0.001 g / 0.01 %
Reproducibility	0.002 g / 0.05 %
Pan size	90 mm
Meas. units	Gram, % moisture, % solids, % moisture on dry bases (ATO %S)
Stabilisation time	4 sec
Internal memory	Up to 99 test results or 49 programable user setting
Calibration	external
Heating source	400 W-Halogen heater, 50 - 160 °C
Drying programs	standard one step up to 3 temp. stepping ramps
Display	large backlit LCD display

Accessories Weighing Technology

- AAC01 Printer for all balances of the AP, ASN, ABN and BTA-BTE series
 AAC02 Same as AAC01, plus alphanumeric keypad
 AAC03 5 print ribbons, for both printer
 AAC05 10 paper rolls for both printer
- AAC10 Anti-static tool for all balances of the series AP, ASN, ABN and BTA-BTE
 AAC11 Rechargeable accu for all balances of the series AP, ASN, ABN and BTA-BTEE
 AAC15 Density determination kit for the AP, ASN and ABN series
 AAC16 Glass float for AAC15
 AAC18 5 protection cover for the keypad of AP series
- AAC30 Density determination kit for models with large pan of the BTA and BTB series
 AAC31 Density determination kit for models with small pan of the BTA and BTB series
 AAC32 Glass float for AAC30 and AAC31
 AAC36 5 protection cover for models with large pan for BTA and BTB series
 AAC37 5 protection cover for models with small pan for BTA and BTB series
 AAC38 Set for animal weighing for BTA and BTB series
- AAC40 5 protection cover for balances with large pan for BTD series
 AAC41 5 protection cover for the keypad of BTC- and BTD series
 AAC45 5 protection cover for balances with large pan for BTE series
 AAC46 5 protection cover for the keypad of the BTE series
- AAC50 Carrying case for CA-Series
 AAC51 Rechargeable accu for CA-series
 AAC60 Sample pans aluminium (500 pieces) for BM-120
 AAC63 Paper rolls (10 rolls) for AAC62
- AAC70 Sample pans aluminium (250 per box) for BM-65
 AAC71 Temperature calibration kit for BM-65
 AAC73 Anti-theft lock for BM-65
- AAC80 Weighing table made of granite,
 size: 900 x 600 x 750 mm

*Calibration Weights
 are available on request*



Table AAC80

Visit our website
www.Phoenix-Instrument.de

