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BALANCES



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Infitek Co., Ltd.

TEL: +86-531-88982330  
FAX: +86-531-88983691  
Website: infitek.com  
Email: info@infitek.com  
Service: support@infitek.com  
Address: Room 201, Building A, No.1 Qianwan 1st Road, Qianhai  
Shenzhen-Hong Kong Cooperation Zone, Shenzhen (Settled in  
Shenzhen Qianhai Business Secretary Co., Ltd.)

US Office

INFITEK INC.

522W RIVERSIDE AVE STE N,SPOKANE,WA 99201  
EMAIL: INFO@INFITEK.COM



VERSION.2025

0.0001g Analytical Balance

BA-E1004 BA-E1204  
BA-E2004 BA-E2204



Product details



Description



External calibration



Electromagnetic force sensor



LCD(White back light with black front)



Tare function/Counting/Unit conversion



Sensitivity/Speed set/Percentage



Option:12.printer



Overload alarm/Fault alarm/Level indicator



Accumulation function/peak hold

Specifications

| Model                         | BA-E1004                              | BA-E1204 | BA-E2004 | BA-E2204 |
|-------------------------------|---------------------------------------|----------|----------|----------|
| Capacity(g)                   | 100g                                  | 120g     | 200g     | 220g     |
| Readability(g)                | 0.0001g                               |          |          |          |
| Min weighing(g)               | 0.0004g                               |          |          |          |
| Stable Time                   | ≤3s                                   |          |          |          |
| Display                       | LCD(white back light with black font) |          |          |          |
| Pan size                      | Φ 80mm(Standard), Φ 90mm(Optional)    |          |          |          |
| Operation temp                | 5-35 ℃                                |          |          |          |
| Repeat ability                | ±0.0002g                              |          |          |          |
| Linearity                     | ±0.0003g                              |          |          |          |
| Dimension                     | 300X200X295mm                         |          |          |          |
| Draft shield size             | 180x175x200mm                         |          |          |          |
| LCD Size                      | 96x24mm                               |          |          |          |
| Cal.weight                    | External calibration                  |          |          |          |
| Option                        | RS232C(Standard)/Printer(Optional)    |          |          |          |
| Package Dimension (W*D*H)(mm) | 440*430*430mm                         |          |          |          |
| G.W.(kg)                      | 6kg                                   |          |          |          |

0.0001g Analytical Balance

BA-N1104 BA-N1204 BA-N2004 BA-N2204



Description

- 

Internal auto calibration
- 

Sensitivity/Speed set
- 

Under weighing
- 

Electromagnetic force sensor
- 

Unit conversion (g/mg/ct/oz)...
- 

LCD(White back light with black font)
- 

Aluminum shell/Large space wind proof cover
- 

One key/Time trigger internal calibration
- 

Tare function/Counting/Percentage
- 

Overload alarm/Fault alarm/Level indicator



Specifications

| Model                        | BA-N1104                               | BA-N1204 | BA-N2004 | BA-N2204 |
|------------------------------|----------------------------------------|----------|----------|----------|
| Max. capacity(g)             | 110                                    | 120      | 200      | 220      |
| Readability(g)               | 0.0001                                 |          |          |          |
| Min weighing(g)              | 0.0004                                 |          |          |          |
| Stable Time                  | ≤3s                                    |          |          |          |
| Display                      | LCD (white back light with black font) |          |          |          |
| Pan size                     | Φ80mm                                  |          |          |          |
| Operation temp               | 5-25℃                                  |          |          |          |
| Repeat ability               | ±0.0002g                               |          |          |          |
| Linearity                    | ±0.0003g                               |          |          |          |
| Draft shield size            | 240mmx190mmx265mm                      |          |          |          |
| Cal.weight                   | Internal Calibration                   |          |          |          |
| Option                       | RS232(Standard)                        |          |          |          |
| Package Dimension(W*D*H)(mm) | 530*390*530                            |          |          |          |
| N.W./G.W.(kg)                | 8/10.2kg                               |          |          |          |



Description

- 

Electromagnetic sensor
- 

BA-N (Internal Calibration)
- 

Aluminum shell Large space wind proof cover
- 

LCD(White back light with black font)
- 

Tare function/Counting/Unit conversio(g/mg/ct/oz)...
- 

Sensitivity/Speed set/Percentage
- 

Overload alarm/Fault alarm/Level indicator
- 

Option: Under weighing/Printer



BA-N203 BA-N303 BA-N503 BA-N603

Specifications

| Model                         | BA-N203                                | BA-N303 | BA-N503 | BA-N603 |
|-------------------------------|----------------------------------------|---------|---------|---------|
| Max. capacity(g)              | 200                                    | 300     | 500     | 600     |
| Readability(g)                | 0.001                                  |         |         |         |
| Min weighing(g)               | 0.004                                  |         |         |         |
| Stable Time                   | ≤3s                                    |         |         |         |
| Display                       | LCD (white back light with black font) |         |         |         |
| Pan size                      | Φ80mm                                  |         |         |         |
| Operation temp                | 5-35℃                                  |         |         |         |
| Repeat ability                | ±0.002g                                |         |         |         |
| Linearity                     | ±0.003g                                |         |         |         |
| Draft shield size             | 240mmx190mmx265mm                      |         |         |         |
| Cal.weight                    | 200g+Internal Calibration              |         |         |         |
| Option                        | Under weighing/Printer                 |         |         |         |
| Package Dimension (W*D*H)(mm) | 530*390*530                            |         |         |         |
| G.W.(kg)                      | 10.5                                   |         |         |         |

0.0001g Analytical Balance

BA-P2104 BA-P3104 BA-P4104 BA-P5104 BA-P6104



Description

-  Internal calibration
-  Sensitivity/Speed set
-  LCD(White back light with black font)
-  Tare function/Counting/Percentage
-  One key/Time trigger internal calibration
-  Unit conversion (g/mg/ct/oz)...
-  Electromagnetic force sensor
-  Overload alarm/Fault alarm/Level indicator
-  Glass draft shield with 3 sliding doors for easy access to the items being weighed



Specifications

| Model             | BA-P2104                               | BA-P3104 | BA-P4104 | BA-P5104 | BA-P6104 |
|-------------------|----------------------------------------|----------|----------|----------|----------|
| Max. capacity(g)  | 210                                    | 310      | 410      | 510      | 610      |
| Readability(mg)   | 0.1mg                                  |          |          |          |          |
| Min weighing(mg)  | 0.4mg                                  |          |          |          |          |
| Stable Time       | ≤4s                                    |          |          |          |          |
| Display           | LCD (green back light with black font) |          |          |          |          |
| Pan size          | Φ80mm                                  |          |          |          |          |
| Operation temp    | 5-25℃                                  |          |          |          |          |
| Repeat ability    | 0.1mg If the weight≤220g               |          |          |          |          |
|                   | 0.3mg from 220g to 310g                |          |          |          |          |
|                   | 0.35mg from 310g to 610g               |          |          |          |          |
| Linearity         | ± 0.5mg                                |          |          |          |          |
| Draft shield size | 162mm×171mm×225mm                      |          |          |          |          |
| Cal.weight        | Internal Calibration                   |          |          |          |          |
| Interface         | RS232(Standard)/Printer(Optional)      |          |          |          |          |
| Dimension         | 345×215×345mm                          |          |          |          |          |
| Net Weight        | 7 kg                                   |          |          |          |          |



Description

-  Internal auto calibration
-  5 Inch touch panel
-  Under weighing
-  Sensitivity/Speed set
-  One key/Time trigger internal calibration
-  Electromagnetic force sensor
-  Aluminum shell/Large space wind proof cover
-  Tare function/Counting/Density/Percentage
-  Unit conversion (g/mg/ct/oz/ib)...
-  Overload alarm/Fault alarm/Level indicator



0.0001g Analytical Balance

BA-T1204 BA-T2004 BA-T2204



Specifications

| Model                          | BA-T1204                                | BA-T2004 | BA-T2204 |
|--------------------------------|-----------------------------------------|----------|----------|
| Capacity(g)                    | 120                                     | 200      | 220      |
| Readability(g)                 | 0.0001                                  |          |          |
| Min weighing(g)                | 0.0004                                  |          |          |
| Stable Time                    | ≤3s                                     |          |          |
| Display                        | LCD (white back light with black font)  |          |          |
| Pan size                       | Φ80mm                                   |          |          |
| Operation temp                 | 5-35℃                                   |          |          |
| Repeat ability                 | ±0.0002g                                |          |          |
| Linearity                      | ±0.0003g                                |          |          |
| Draft shield size              | 240mmx190mmx265mm                       |          |          |
| Cal.weight                     | Internal Calibration                    |          |          |
| Option                         | RS232(Standard) & USB, Printer (Option) |          |          |
| Package Dimension (W*D*H) (mm) | 520*390*540                             |          |          |
|                                | 530*390*530                             |          |          |
| G.W.(kg)                       | 10.5                                    |          |          |

0.001g/0.01g Analytical Balance

BA-W113P BA-W213P BA-W313P



Description

-  Min weighing set
-  Overload alarm/Level indicator
-  AC and DC power supply
-  LCD(White back light with black front)
-  Tare function/Counting/Unit conversion(g/ct/oz)...
-  Option: Dual display/Interface/Printer/Dust cover

Specifications

| Model                        | BA-W113P                               | BA-W213P | BA-W313P |
|------------------------------|----------------------------------------|----------|----------|
| Max. capacity(g)             | 110                                    | 210      | 310      |
| Resolution(g)                | 0.001                                  |          |          |
| Min Weighing(g)              | 0.004                                  |          |          |
| Stable Time                  | ≤ 3s                                   |          |          |
| Display                      | LCD (white back light with black font) |          |          |
| Pan size                     | Φ 90mm                                 |          |          |
| Operation Temp               | 5-35℃                                  |          |          |
| Repeatability                | ±0.002g                                |          |          |
| Liner                        | ±0.003g                                |          |          |
| Draft Shield Size            | 175mmx180mmx205mm                      |          |          |
| Calibration                  | External Calibration                   |          |          |
| Cal.weight                   | 100g                                   | 200g     |          |
| Option                       | RS232C, Printer, Dual display          |          |          |
| Package Dimension(W*D*H)(mm) | 390*300*400mm                          |          |          |
| G.W.(kg)                     | 4kg                                    |          |          |

0.001g Analytical Balance

BA-W203 BA-W303 BA-W503 BA-W603 BA-W1003 BA-W1203

-  LCD(White back light with black font)
-  Electromagnetic sensor
-  Tare function/Counting/Unit conversion(g/mg/ct/oz)...
-  Aluminum shell Large space wind proof cover
-  Sensitivity/Speed set/Percentage
-  Overload alarm/Fault alarm/Level indicator
-  Option: Under weighing/Printer



Specifications

| Model             | BA-W203                               | BA-W303 | BA-W503 | BA-W603 | BA-W1003 | BA-W1203 |
|-------------------|---------------------------------------|---------|---------|---------|----------|----------|
| Max. capacity(g)  | 200                                   | 300     | 500     | 600     | 1000     | 1200     |
| Sensor            | Magnet                                |         |         |         |          |          |
| Readability(g)    | 0.001                                 |         |         |         |          |          |
| Min weighing(g)   | 0.004                                 |         |         |         |          |          |
| Stable Time       | ≤3s                                   |         |         |         |          |          |
| Display           | LCD（white back light with black font） |         |         |         |          |          |
| Pan Size          | Φ80mm                                 |         |         |         | Φ100mm   |          |
| Operation Temp    | 5-35℃                                 |         |         |         |          |          |
| Repeatability     | ±0.002g                               |         |         |         |          |          |
| Liner             | ±0.003g                               |         |         |         |          |          |
| Draft Shield Size | 240mmx190mmx265mm                     |         |         |         |          |          |
| Communication     | RS232(Standard)                       |         |         |         |          |          |
| Calibration       | External Calibration                  |         |         |         |          |          |
| Cal.weight        | 200g                                  |         |         |         | 500g     |          |
| Option            | Printer/Under weighing                |         |         |         |          |          |
| Package Dimension | 530*390*520（W*D*H）(mm)                |         |         |         |          |          |
| （W*D*H）(mm)       |                                       |         |         |         |          |          |
| G.W.(kg)          | 9.7kg                                 |         |         |         | 11kg     |          |

0.0001g Analytical Balance

BA-W1004 BA-W1204 BA-W2004 BA-W2204

Description

-  Aluminum shell Large space wind proof cover
-  LCD(White back light with black font)
-  Tare function/Counting/Unit conversion(g/mg/ct/oz)...
-  Electromagnetic sensor
-  Sensitivity/Speed set/Percentage
-  Overload alarm/Fault alarm/Level indicator
-  Option:Under weighing/Printer



Specifications

| Model                    | BA-W1004                              | BA-W1204 | BA-W2004               | BA-W2204 |
|--------------------------|---------------------------------------|----------|------------------------|----------|
| Capacity(g)              | 100                                   | 120      | 200                    | 220      |
| Resolution(g)            | 0.0001                                |          |                        |          |
| Min Weighing(g)          | 0.0004                                |          |                        |          |
| Stable Time              | ≤3s                                   |          |                        |          |
| Display                  | LCD（white back light with black font） |          |                        |          |
| Pan Size                 | Φ80mm                                 |          |                        |          |
| Operation Temp           | 5-35℃                                 |          |                        |          |
| Repeatability            | ±0.0002g                              |          |                        |          |
| Liner                    | ±0.0003g                              |          |                        |          |
| Draft Shield Size        | 240mmx190mmx265mm                     |          |                        |          |
| Communication            | RS232(Standard)                       |          |                        |          |
| Calibration              | External Calibration                  |          |                        |          |
| Cal.weight               | 100g                                  |          | 200g                   |          |
| Option                   | Printer/Under weighing                |          |                        |          |
| Package Dimension(W*D*H) | Inside: 415x285x430mm                 |          | Outside: 530*390*540mm |          |
| Gross Weight             | 10kg                                  |          |                        |          |

Semi-Micro Analytical Balance

BMA1265 BMA2285 BMA22105 BMA125 BMA165 BMA205



BMA1265 BMA2285 BMA22105



BMA125 BMA165 BMA205

Features

- Automatic internal calibration
- Tare/counting/percentage test/animal weighing
- Baud rate is adjustable Density function
- unit conversion (g/mg/ct/oz)...

Description

- Electromagnetic force recovery weighing system
- Large graphic display, easy and efficient operation
- Recipe database: can store 99 recipes, each recipe contains up to 20 ingredients
- Highly integrated load cell
- Multiple languages are supported: English, German, French, Italian, Spanish, Portuguese
- Record the saved weight value in GLP/ISO format, including date, time, and serial number
- Large windshield glass cover, with 3 sliding doors, easy to operate the items to be weighed
- Keyboard plastic protection

Specifications

| Model                          | BMA1265                                          | BMA2285        | BMA22105  | BMA125       | BMA165 | BMA205 |
|--------------------------------|--------------------------------------------------|----------------|-----------|--------------|--------|--------|
| Max. capacity(g)               | 62g/120g                                         | 82g/220g       | 102g/220g | 122g         | 162g   | 210g   |
| Readability(mg)                | 0.01mg/0.1mg                                     |                |           | 0.01mg       |        |        |
| Min Weighing(mg)               | 60mg                                             |                | 100mg     | 100mg        |        |        |
| Stable Time                    | ≤6s                                              |                |           |              |        |        |
| Display                        | LCD (white back light with black font)           |                |           |              |        |        |
| Pan Size                       | Φ 80mm                                           |                |           |              |        |        |
| Operation Temp                 | 5-35℃ 20-80% humidity                            |                |           |              |        |        |
| Repeatability                  | 0.03mg/0.1mg                                     | 0.05mg/0.1mg   | 0.05mg    | 0.05mg       |        |        |
| Linearity                      | ±0.08mg/±0.2mg                                   | ±0.1mg/ ±0.2mg | ±0.1mg    | ±0.1mg       |        |        |
| Draft Shield Size              | 152mm×160mm×225mm                                |                |           |              |        |        |
| Cal.weight                     | Internal Calibration                             |                |           |              |        |        |
| Option                         | Printer                                          |                |           |              |        |        |
| Package                        | 345×215×345mm                                    |                |           |              |        |        |
| G.W./N.W.                      | 8.25kg/5.8kg                                     |                |           | 8.3kg/5.85kg |        |        |
| IONISER                        | Option                                           |                |           | Standard     |        |        |
| Language                       | Italian/English/Portuguese/German/France/Spanish |                |           |              |        |        |
| Package Dimension (W*D*H) (mm) | 620*510*710(No pallet)                           |                |           |              |        |        |
| Power Supply                   | 110-230V 50/60Hz Out DC 12V 1A                   |                |           |              |        |        |

# Moisture Balance

BA-M500



## Description

The moisture analyzer can be widely used in all industries that need to quickly measure moisture. It can measure the moisture content of various samples such as solids, granules, powders, colloids and liquids to meet the requirements of laboratory and production processes in various industries. Rapid determination of content.



## Features



- The operation interface displays three curves at the same time, including moisture M, weight W, temperature T.
- The display screen adopts a 7-inch capacitive touch screen, which is intuitive, clear and responsive.



- The instrument has its own data storage function, which can store the latest 50 sets of measurement data, which is convenient for viewing historical records.



- Simple, guided operation, no training required, laboratory or production line personnel can operate independently.
- It has the advantages of fast measurement, convenient operation and reliable data.



- The new measuring system, fast and professional.
- Using a special ring heating light source, the sample is heated more evenly, the drying is more thorough, the penetration ability is stronger, and the measurement is faster.



The instrument has four test modes, including automatic, timing, manual, and stage measurement. Stage measurement realizes the test of various samples at different temperature stages, and achieves a number of technological breakthroughs in the industry; the diversification of test modes can deal with a variety of samples testing needs.



Imported load cells solve weighing problems such as temperature drift and time drift, and improve measurement accuracy. The temperature control system adopts imported high-sensitivity temperature control components to ensure the accuracy and controllability of the temperature during the test.



- The instrument has a beautiful appearance, the appearance has patented technology, and the structure is compact.



- Zero consumables in the use process, stainless steel sample plate, reusable, energy saving and environmental protection



- Perfect after-sales service system, timely and quickly solve customer feedback problems.



- Display 12 parameters, including moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value.

## Specification

| Model                         | BA-M500                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weighing range                | 0-220g                                                                                                                                                                                                                         |
| Weighing accuracy             | 0.005g (5mg)                                                                                                                                                                                                                   |
| Moisture readability          | 0.01%                                                                                                                                                                                                                          |
| Temperature range             | Start -225℃                                                                                                                                                                                                                    |
| Moisture measurement range    | 0.01~100%                                                                                                                                                                                                                      |
| Weighing sensor               | Imported PW series sensor                                                                                                                                                                                                      |
| Heating light source          | Tungsten halogen ring heating light source                                                                                                                                                                                     |
| Heating mode                  | Fast                                                                                                                                                                                                                           |
| Test mode                     | Automatic, timed, manual, stage                                                                                                                                                                                                |
| Timing time range             | 1-360min (expandable)                                                                                                                                                                                                          |
| Display parameters            | Moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value |
| Display language              | English                                                                                                                                                                                                                        |
| Data storage                  | Store the latest 50 sets of measurement data (expandable)                                                                                                                                                                      |
| Display curve                 | Simultaneously display three test curves (including moisture M, weight W, temperature T)                                                                                                                                       |
| Sample pan dimension          | Diameter:100 (mm)                                                                                                                                                                                                              |
| Display                       | 7 inch capacitive touch display                                                                                                                                                                                                |
| Product dimensions (L*W*H)    | 390*220*170 mm                                                                                                                                                                                                                 |
| Package Dimension (W*D*H)(mm) | 480*290*270                                                                                                                                                                                                                    |
| Product net weight            | 3.65 kg                                                                                                                                                                                                                        |
| G.W.(kg)                      | 6 kg                                                                                                                                                                                                                           |

Halogen Moisture Analyzer

MCA110-10    MCA110-5    MCA110-2    MCA110-1A



Description

-  Halogen lamp/HBM sensor
-  Aluminum shell/Stainless steel chamber
-  LCD(White back light with black font)
-  Temperature/Time set
-  The percentage of moisture content/dry residual
-  Store historical set
-  Option:Aluminum box/Printer/Grinder

Product details



Specifications

| Model                         | MCA110-10                             | MCA110-5 | MCA110-2 | MCA110-1A                   |
|-------------------------------|---------------------------------------|----------|----------|-----------------------------|
| Capacity                      | 110g                                  |          |          |                             |
| Readability                   | 0.01g                                 | 0.005g   | 0.002g   | 0.001g                      |
| Operating Temp                | 5℃-35℃                                |          |          |                             |
| Display                       | Backlit LCD                           |          |          | High Definition Backlit LCD |
| Calibration                   | External Calibration                  |          |          |                             |
| Interface                     | RS232(Standard)                       |          |          |                             |
| Pan Size                      | Ø90mm                                 |          |          |                             |
| Heating Source                | Halogen Lamp-1                        |          |          | Halogen Lamp-2              |
| Temp. Sensor                  | PT100                                 |          |          |                             |
| Temp. Range                   | 40℃-199℃                              |          |          |                             |
| Temp. Step                    | 1℃                                    |          |          |                             |
| Moisture Range                | 0.00%-100.00%                         |          |          |                             |
| Moisture Readability          | 0.20%                                 | 0.10%    | 0.04%    | 0.01%                       |
| Dry Range                     | 100.00%-0.00%                         |          |          |                             |
| Dry Readability               | 0.20%                                 | 0.10%    | 0.04%    | 0.01%                       |
| Temp Setting                  | 40℃-199℃ By 1℃ Step                   |          |          |                             |
| Time Setting                  | 1-99min By 10s                        |          |          |                             |
| Number of Storage             | 15                                    |          |          |                             |
| Heater                        | 220V ±15% 50Hz/110V±15% 60Hz/400W     |          |          |                             |
| Balance                       | Input: 220V 50Hz/110V 60HZ Output: 9V |          |          |                             |
| Chamber Height                | 22mm                                  |          |          |                             |
| External Dimension(W*D*H)(mm) | 280*250*180                           |          |          |                             |
| N.W.(kg)                      | 5.8                                   |          |          |                             |
| Package Dimension (W*D*H)(mm) | 500*460*370                           |          |          |                             |
| G.W.(kg)                      | 7.1                                   |          |          |                             |

Infrared Moisture Analyzer

MCA100-IR



Description

- Aluminum shell/Stainless steel chamber
- Infrared lamp/HBM sensor
- High definition LCD
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option:Aluminum box/Printer/Grinder

Specifications

| Model                         | MCA100-IR                   |
|-------------------------------|-----------------------------|
| Capacity                      | 110g/1mg                    |
| Pan Size                      | Φ90mm                       |
| Readability                   | 1mg                         |
| Operating Temp.Range          | 5℃-35℃                      |
| Display                       | High Definition Backlit LCD |
| Calibration                   | External Calibration        |
| Interface                     | RS232                       |
| Heat Source                   | Infrared lamp               |
| Temp. Sensor                  | PT100                       |
| Temp. Range                   | 40℃-160℃                    |
| Temp. Step                    | 1℃                          |
| Moisture Range                | 0.00%-100.00%               |
| Moisture Readability          | 0.01%                       |
| Dry Range                     | 100.00%-0.00%               |
| Dry Readability               | 0.01%                       |
| Temp Setting                  | 40℃-160℃ By 1℃ Step         |
| Time Setting                  | 1-99min By 10s              |
| Number Of Storage             | 15                          |
| Number Of History             | 5                           |
| External Dimension(W*D*H)(mm) | 280*250*180                 |
| N.W.(kg)                      | 5.8                         |
| Package Dimension (W*D*H)(mm) | 500*360*370                 |
| G.W.(kg)                      | 7.5                         |



Description

- Store historical set
- Temperature/Time set
- Highlight halogen lamp/HBM sensor
- 5 inch touch screen/CH and EN switch
- Aluminum shell/Stainless steel chamber
- Real-time dynamic curve/date and time
- The percentage of moisture content/dry residual
- 8.Option: Aluminum box/Printer/Grinder

0.001g/110g Moisture analyzer

MCA110-T



Specifications

| Model                         | MCA110-T                             |
|-------------------------------|--------------------------------------|
| Capacity                      | 110g                                 |
| Readability                   | 0.001g                               |
| Operating Temp                | 5℃-35℃                               |
| Display                       | 5 inch Touch Screen                  |
| Calibration                   | External Calibration                 |
| Interface                     | RS232(Standard)                      |
| Pan Size                      | Ø90mm                                |
| Heating Source                | Halogen Lamp-2                       |
| Temp. Sensor                  | PT100                                |
| Temp. Range                   | 40℃-199℃                             |
| Temp. Step                    | 1℃                                   |
| Moisture Range                | 0.00%-100.00%                        |
| Moisture Readability          | 0.01%                                |
| Dry Range                     | 100.00%-0.00%                        |
| Dry Readability               | 0.01%                                |
| Temp Setting                  | 40℃-199℃ By 1℃ Step                  |
| Time Setting                  | 1-99min By 10s                       |
| Number of Storage             | 20                                   |
| Number of History             | 20                                   |
| Heater                        | 220V ±15% 50Hz/110V±15% 60Hz/400W    |
| Balance                       | Input: 220V 50Hz/110V 60Hz Output:9V |
| External Dimension(W*D*H)(mm) | 280*250*180                          |
| N.W.(kg)                      | 5.8                                  |

0.01g Precision Balance

BP-212-2C BP-312-2C BP-612-2C  
BP-1102-2C BP-2102-2C BP-3102-2C



Description



LCD/AC and DC power supply



Tare function/Counting/Unit conversion (g/ct/oz)...



Min weighing set



Overload alarm/Level indicator



Option: Dual display/Interface/Printer/Windproof/Dust cover

Specifications

| Model                            | BP-212-2C                         | BP-312-2C | BP-612-2C | BP-1102-2C                        | BP-2102-2C | BP-3102-2C |
|----------------------------------|-----------------------------------|-----------|-----------|-----------------------------------|------------|------------|
| Max. capacity(g)                 | 210                               | 310g      | 610       | 1100                              | 2100       | 3100       |
| Cal.weight                       | 200                               | 200       | 200       | 500                               | Optional   | Optional   |
| Readability(g)                   | 0.01                              |           |           | 0.01                              |            |            |
| Repeatability(g)                 | ±0.02                             |           |           | ±0.02                             |            |            |
| Liner(g)                         | ±0.03                             |           |           | ±0.03                             |            |            |
| Stable Time                      | ≤2s                               |           |           | ≤2s                               |            |            |
| Pan Size                         | Φ130mm                            |           |           | Φ130mm                            |            |            |
| Operation temp                   | 5-25℃                             |           |           | 5-25℃                             |            |            |
| Option                           | Printer,Draft shield,RS232,Weight |           |           | Printer,Draft shield,RS232,Weight |            |            |
| Outline size                     | 270x195x85mm                      |           |           | 270x195x85mm                      |            |            |
| Package Dimension<br>(W*D*H)(mm) | 330*260*200                       |           |           | 330*260*200                       |            |            |
| Ten Packing Size                 | 660x470x320mm                     |           |           | 660x470x320mm                     |            |            |
| N.W.(kg)                         | Unit set 2.5kg/Ten 25kg           |           |           | Unit set 2.5kg/Ten 25kg           |            |            |
| G.W.(kg)                         | Unit set 3kg/Ten30kg              |           |           | Unit set 3kg/Ten30kg              |            |            |

0.01g Precision Balance

BP-3002-C BP-4002-C BP-5002-C



Description

- LCD
- Tare function/Counting
- Overload alarm/Level indicator
- Option:Printer
- Aluminum shell/  
Unit conversion(g/ct/oz)...

Specifications

| Model                             | BP-3002-C        | BP-4002-C | BP-5002-C |
|-----------------------------------|------------------|-----------|-----------|
| Max. capacity(g)                  | 3000g            | 4000g     | 5000g     |
| Readability(g)                    | 0.01             |           |           |
| Min weighing(g)                   | 0.04             |           |           |
| Stable Time                       | ≤3s              |           |           |
| Display                           | LCD/LED Optional |           |           |
| Pan size                          | 180x180mm        |           |           |
| Operation temp                    | 5-25 ℃           |           |           |
| Repeat ability                    | ±0.02g           |           |           |
| Linearity                         | ±0.03g           |           |           |
| Option                            | Printer          |           |           |
| N . weight                        | 5kg              |           |           |
| Package Dimen-<br>sion(W*D*H)(mm) | 420x320x430mm    |           |           |



Description

- LED(Green)
- Tare function/Counting
- Overload alarm
- Metal base、 Large size stainless  
steel plates
- Used for highway and textile  
industry

Hydrostatic Balance

HB-3K HB-5K

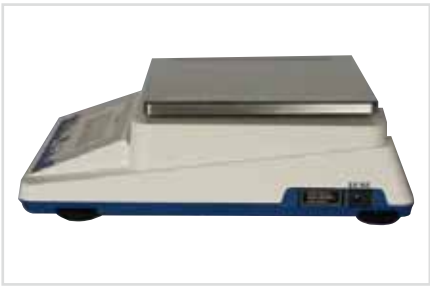


Specifications

| Model                            | HB-3K                                  | HB-5K |
|----------------------------------|----------------------------------------|-------|
| Max. capacity(g)                 | 3100                                   | 5100  |
| Readability(g)                   | 0.1                                    |       |
| Min weighing(g)                  | 0.4                                    |       |
| Stable Time                      | ≤2s                                    |       |
| Display                          | LED (white back light with black font) |       |
| Bracket size                     | 310*300*350mm                          |       |
| Bucket size                      | Φ 200*220mm                            |       |
| Basket size                      | Φ 140*150mm                            |       |
| Pan size                         | 160*160mm                              |       |
| Operation temp                   | 5-35 ℃                                 |       |
| Repeat ability                   | ±0.2g                                  |       |
| Linearity                        | ±0.3g                                  |       |
| Cal.weight                       | 2000g                                  | 2000g |
| Package Dimension<br>(W*D*H)(mm) | 485x340x350mm                          |       |
| G.W.(kg)                         | 6kg                                    |       |

0.1g Precision Balance

BP-3K-BF BP-5K-BF

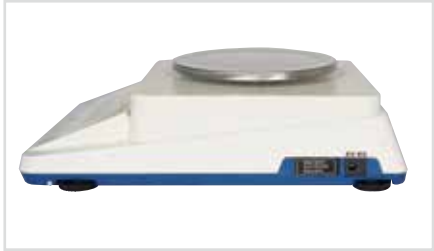


Description

- Fashional appearance
- Min weighing set
- AC and DC power supply
- Large size stainless steel pan
- LCD(White back light with black font)
- Tare function/Counting/Unit conversion(g/ct/oz)...
- Overload alarm/Level indicator
- Option: Dual display/Interface/Printer/Dust cover

Specifications

| Model                         | BP-3K-BF                                                     | BP-5K-BF |
|-------------------------------|--------------------------------------------------------------|----------|
| Capacity(g)                   | 3100                                                         | 5100     |
| Readability(g)                | 0.1                                                          |          |
| Repeat ability(g)             | ±0.2                                                         |          |
| Linearity(g)                  | ±0.3                                                         |          |
| Min weighing(g)               | 0.4                                                          |          |
| Stable Time                   | ≤2S                                                          |          |
| Pan Size                      | 160x160mm                                                    |          |
| Operation temp                | 5-25 C                                                       |          |
| Option                        | Printer,Draft shield,RS232,Weight                            |          |
| Dimension                     | 270x195x85mm                                                 |          |
| Package Dimension (W*D*H)(mm) | Unit set Inside: 330*260*200mm<br>Ten Outside: 660x470x320mm |          |
| N.W(kg)                       | Unit set 2.5kg/Ten sets 25kg                                 |          |
| G.W.(kg)                      | Unit set 3kg/Ten sets 30kg                                   |          |



Description

- Min weighing set
- Fashional appearance
- AC and DC power supply
- LCD(White back light with black font)
- Tare function/Counting/Unit conversion(g/ct/oz)
- Overload alarm/Level indicator
- Option: Dual display/Interface/Printer/Dust cover

Specifications

| Model                         | BP-1K-B                                                                 | BP-2K-B |
|-------------------------------|-------------------------------------------------------------------------|---------|
| Capacity(g)                   | 1100                                                                    | 2100    |
| Readability(g)                | 0.1                                                                     |         |
| Repeat ability(g)             | ±0.2                                                                    |         |
| Linearity(g)                  | ±0.3                                                                    |         |
| Min weighing(g)               | 0.4                                                                     |         |
| Stable Time                   | ≤2s                                                                     |         |
| Pan Size                      | Φ130mm                                                                  |         |
| Operation temp                | 5-25 C                                                                  |         |
| Option                        | Printer,Draft shield,RS232,Weight                                       |         |
| Outline size                  | 270x195x85mm                                                            |         |
| Package Dimension (W*D*H)(mm) | Unit set Packing Size: 330*250*200mm<br>Ten Packing Size: 660x470x320mm |         |
| N.W(kg)                       | Unit set 2.5kg/Ten sets 25kg                                            |         |
| G.W.(kg)                      | Unit set 3kg/Ten sets 30kg                                              |         |

0.1g Precision Balance

BP-1K-B BP-2K-B



Density Balance

ELD-300

-----Direct reading data, Shorter measuring time, Density resolution 0.001 g/cm3

Application

- Chemical Solution,Modern Energy,Oil Fuel,Fine Chemical Engineering,Chemical Reagent,Chemistry Researching Laboratory.

Standards

- In accordance with Archimedes principle, GB/T 611 、GB/T11540、GB/T12206、 GB/T5518 standards etc.
- Combine Archimedes principle with modern electronics technique of ELD-300; Digital display liquid desimeter; The data can be read directly with high measuring accuracy; The operation is more easy and get away from the influence of external factor and temperature compared with traditional wechsler balance method and pycnometer method; It can be applied to the field of quality management, cost control,formula researching and so on. Also,the solvent,adhesive,paint,pitch,resin, chemical oils,edible oil,food additives,drink,dairy products can be measured.

Features

- Density value can be showed by one procedure. and repeatedly continuous rapid measuring can be worked.
- Digital Display; High accuracy of measuring; Simple operation; Stable and Durable.
- Density value of samples with the temperature from normal to 100 C can be measured.
- Take samples conveniently. and 50CC would be okay.
- There is no cumbersome debugging and operation compared with traditional wechsler balance method and pycnometer method.
- It is very easy to clean measuring cup, and can't got the limitation of the size of pycnometer caliber.
- Coordinate with the operation of thermostatic tank to measure the proportion with the required temperature.
- Adopt the unicas dedicated wind and dust cover,which makes the combination convenient and durable.
- Volatile liquid,corrosivity liquid,vicious liquid,strong acid and strong lye liquid can be measured quickly.
- Interface of RS-232C is included.the printer of DE-40 will be available to connect PC with printer.



Wide application scope  
Simple operation



Digital Display



Take samples conveniently.  
It is very easy to clean measuring cup

Measuring Procedure

Place beaker with sample on testing board.and take off weight of pothook.  
Make standard weight hanged on pothook and submerged in liquid to be tested totally.and then press ENTER button to memory.Density value can be displayed.

Standard Accessories

Host,measuring frame,AR-20A standard liquid measuring assembly,tweezer, thermometer,100G weight,wind and dust cover,measuring support,power transformer

Optional Accessories

AR-40 printer,AR-20B anti corrosive liquid measuring assembly.



Specifications

| Model                                | ELD-300                                                                                                                                                                                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Density resolution                   | 0.001g/cm3                                                                                                                                                                                                                                                                      |
| Density range                        | 0.001—99.999g/cm3                                                                                                                                                                                                                                                               |
| Measuring type                       | a:mobility liquid,viscous liquid,volatile liquid,corrosivity liquid,high temperature liquid,suspension liquid,emulsion and so on<br>b:alcohol,scaling powder,essence,blood,sodium chloride,glycerol, electrolyte,diesel,refrigerating,hydrofluoric acid,dichloromethane,vitriol |
| Measuring Principle                  | Archimedes principle displacement method                                                                                                                                                                                                                                        |
| Measuring mode                       | 1 group                                                                                                                                                                                                                                                                         |
| Measuring time                       | About 5 seconds                                                                                                                                                                                                                                                                 |
| Memory mode                          | memory in shorter time by one procedure                                                                                                                                                                                                                                         |
| Result Display                       | Density value                                                                                                                                                                                                                                                                   |
| Specific Gravity Measuring frame     | stainless steel specific gravity measuring frame                                                                                                                                                                                                                                |
| Function of setting Calibration mode | Temperature setting,solution density setting,measuring weights setting of weight in the normal liquid and water<br>auto correction with one button,auto detection.                                                                                                              |
| Measuring testing                    | distilled testing                                                                                                                                                                                                                                                               |
| Output mode                          | standard interface of RS-232,output and print testing data conveniently                                                                                                                                                                                                         |
| Standard accessories                 | Host,measuring frame,AR- 20A standard liquid measuring assembly,tweezer,thermometer,100G weight,measuring support,power transformer<br>AR-20A standard liquid measuring assembly:<br>Two stainless steel pothooks,one glass weights,one glass beaker.                           |
| Optional accessories                 | AR-40 printer,AR-20B anti corrosive liquid measuring assembly                                                                                                                                                                                                                   |
| power                                | AC~220V / 50HZ                                                                                                                                                                                                                                                                  |
| Main feature                         | data display,accuracy,rapid,convenience durable,economy                                                                                                                                                                                                                         |