



DVINA Analytical Balance

Touch screen, Detachable Display, 120-320g/0,1mg



DVINA

High-precision scales will meet the needs of the most demanding measurements



Internal Calibration

Internal Calibration provide fast and high precision calibration analytical balance



Detachable Display

detachable display provides easier access to the measuring space, a more comfortable position when viewing the results and handling the scale.



Software for data collection

software for communication with the scale provides the ability to collect data, control the measurement process (optional)...



Infra-red sensor realize weighing operation without hand contact



Innovative Stainless Steel Pan design Ensures rapid results display



2XUSB, RS232/485 Com port

- A Electromagnetic Force Compensation (EMFC) weighing cell
- Detachable Touch Screen LCD display, protect the balance from shock and vibration when user operates the balance.
- Transparent glass windshield design sample can be seen clearly, easier to be cleaned and ensures a tidy & safe weighing platform, In the meanwhile minimized the effect caused by wind to ensure the accuracy of weighing.
- Highly sensitive & stable electromagnetic force sensor or ceramic capacitance sensor design. The stable performance of the sensor can meet the requirements of precision weighing in the laboratory.
- LCD display panel, bright and clear, provides user with easy operation and read / RET Series is equipped with 7 inch Touch Screen
- Capacity range 30g/50g 0,01mg 120g/210g 0,1mg
- Quick stabilization $\leq 2,5$ sec
- Temperature compensation
- Full automatic internal calibration when the temperature variation exceeds 1.5°C or the balance is not calibrated for more than 2 hours, in order to provide more stable and accurate weighing results and reduce unnecessary operations.
- Software to weighing, percentage, counting...
- Capacitive true color 7 inch Touch Screen
- The metal base housing
- Equip stainless steel pan (90mm), more stable not easy to be tilted & vibrated ensures a rapid result display. Stainless steel bed, solid and reliable.
- Full range tare
- Internal or external calibration
- RS 232 Interface can connect the computer or printer , USB
- Antivibration Filter
- IR sensors function
- Equipped with advanced wireless sensors to operate the balance without touching it, improve weighing efficiency and reduce contact with the front panels

| Internal Calibration | DVINA120 | DVINA220 | DVINA320 | DVINA120E | DVINA220220E | DVINA320E |
|----------------------------------|--|----------|----------|-----------|--------------|-----------|
| Price | | | | | | |
| Calibration | Internal | Internal | Internal | External | External | External |
| Max capacity (g) | 120g | 220g | 320g | 120g | 220 | 320 |
| Accuracy Class | I | | | | | |
| Resolution (g) | 0,1mg | | | | | |
| Min weighing (g) | 0,6mg | | | | | |
| Repeatability (g) | ±0,1mg | | | | | |
| Linear (g) | ± 0,2 mg | | | | | |
| Warm-up Time | 30-60minutes | | | | | |
| Stabilization time | ≤2,5 sec | | | | | |
| Operating temperature | 10°C to 30°C | | | | | |
| Operating Relative humidity (RH) | (20-85% Relative(Not condensing)) | | | | | |
| Measuring sensor type | Electromagnetic force compensation | | | | | |
| Weighing mode | g, oz, ct, %, count mode, | | | | | |
| Communication port | RS232C/RS485/USB (optional) | | | | | |
| Power supply | 110-230V 50-60Hz | | | | | |
| Display | High Resolution, Detachable, LCD with backlight and adjustable contrast/ RET Series & inch capacitive touch screen | | | | | |
| Pan size | Ø91 | | | | | |
| Weighing chamber dimensions (mm) | 205 x 215 x 245 | | | | | |
| Hang weighing | Yes | | | | | |
| Product Dimensions | 475 x 305 x 295 | | | | | |
| Net weight | 6 kg | | | | | |
| Gross weight | 8 kg | | | | | |
| Optional | Thermal printer, USB connection, Control Weight, Density determination, | | | | | |

Please note

If this Balance does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



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