

# HZK-FA Laboratory

## Analytical Balance



The HZK-FA Analytical Balance is specifically engineered for critical applications where absolute measurement certainty is non-negotiable.



Its exceptional 0.1 mg (0.0001g) readability and  $\pm 0.2$  mg linearity meets the stringent demands of high-precision fields like pharmaceutical formulation, chemical analysis, and quality control. Choosing the HZK-FA means eliminating measurement uncertainty and securing the integrity of your most sensitive work.

**The Super Monoblock EMFC sensor provides unparalleled speed and measurement and stability.**



| Specification         | HZK-FA300       |
|-----------------------|-----------------|
| Weighing Range (g)    | 300             |
| Readability (mg)      | 0.1             |
| Repeatability (mg)    | $\pm 0.2$       |
| Linearity (mg)        | $\pm 0.2$       |
| Surrounding (°C)      | 18 – 23         |
| Housing Size (mm)     | 345 x 223 x 331 |
| Pan Size (mm)         | $\phi$ 80       |
| Warm-up Time (minute) | 60 – 90         |

| CHARACTERISTIC  | APPLICATION MODE   |
|---|--|
| The HZK series uses a new numeric mainboard, multiple mainboard technology, and a higher integration project.   | Electromagnetic force restoration weighing sensor with high resolution<br>Percentage weighing function |
| HZK series balances have many different applications, multiple intelligent anti-shock technology, temperature compensation across the whole range, and multi-point linearity calibration. | External CAL function<br>With density measurement  |
| Highly compatible software program widely satisfies user's advanced requirements for high precision balance.  | Seven-level anti-shock adjustable function<br>With dynamic weighing function                           |
|   | Large LCD display<br>Selectable weighing and count mode  |
|   | Weighing stability time adjustable   |
|   | 20 Unit shields: g, ct, lb, oz, ozt, GN, dwt, N  |
|   | Fit with RS232 / USB line  |
|   | Time and date setting  |
|   | Default weighing mode automatically  |
|   | With under-hook  |



- **An adjustable seven-level anti-shock system and real-time temperature compensation ensure robust performance.**
- **RS232 and USB ports.**
- **Unlock advanced analysis with built-in application modes for Density, Dynamic Weighing, and Counting.**



| Characteristic  | Application Mode |
|-----------------|------------------|
| Electromagnetic | %                |
| External CAL    | g/cc             |
| Filter          |                  |
| Stabilize       | Percentage       |
| Unit            | Density          |
| RS232 COM       |                  |
| Mode Lock       | Animal           |
| Temperature     |                  |
| Time/Date       | Count            |
| Software        |                  |
| Under hook      |                  |
| Software        |                  |

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Our Services  
Border Scales is accredited by SANAS and NRCS to perform Legal Metrology Verification of scales used in trade within our scope of 3kg to 3000kg.  
Our trained and skilled technicians will service, calibrate and repair all equipment we sell. We offer in-house training on all new equipment installations.

