

Analytical Balances

AT-R series

Basic Model with Improved Convenience

- Freely set responsiveness or stability
- Connect with a computer via USB or RS232C
- Perform stable measurements in combination with an ionizer

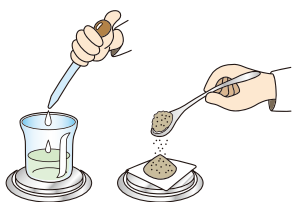


Features of the AT-R Series

1 Easy Settings Enable Responsiveness and Stability to be Freely Changed

Responsiveness becomes very important when weighing fixed amounts of powders and liquids. On the other hand, stability is required when weighing substances in environments subject to drafts or vibrations.

The AT-R balances are equipped with a 5-stage indicator. It is easy to switch between a response focus (R) and a stability focus (S) during measurements.



Response-focused (R)
for weighing process



Stability-focused (S)
when vibrations
become a concern



2 Equipped with Two Interfaces: USB and RS232C

The balances are equipped as standard with two convenient interfaces for connection with a computer or PLC (programmable logic controller). Human error can be prevented by direct transfer of weight values to the computer.



● The balances have been shown to operate with the following PLCs from major companies.

- Mitsubishi Electric Q Series
- Keyence KV-8000
- OMRON CJ2 Series
- IDEC FC6A Series

3 Addition of an Ionizer Increases Measurement Reliability

The optional STABLO™-AP ionizer (static remover) quickly removes static from samples and containers, without creating a draft. This prevents reproducibility errors and fluctuations in measurement values due to static electricity. The static elimination can be enhanced by placing flasks in the AP Holder (sold separately).



AP Holder



STABLO-AP

AT-R Series Specifications

| Model | ATX324R | ATX224R | ATX124R | ATX84R | ATY324R | ATY224R | ATY124R | ATY64R |
|-----------------------|---|---------|---------|--------|-----------------|---------|---------|--------|
| Weighing Capacity | 320g | 220g | 120g | 82g | 320g | 220g | 120g | 62g |
| Minimum Display | 0.1mg | | | | | | | |
| Pan Size | Approx. 91 mm dia. | | | | | | | |
| Dimensions | Approx. W213 × D356 × H338 mm | | | | | | | |
| Weight | Approx. 6.2 kg | | | | Approx. 6.0 kg | | | |
| Required Power Supply | AC adapter (input 100-240 V AC, 50/60 Hz, output 12 V, 1 A) | | | | | | | |
| I/O Terminals | RS232C (D-sub 9P plug), USB device (Type B) | | | | | | | |
| Calibration Weight | Built-in | | | | External weight | | | |

Optional Accessories

| Description |
|--|
| EP-100 Printer |
| EP-110 Printer |
| USB Cable Set |
| SMK-501 Specific Gravity Measurement Kit |
| AP Holder |
| Protective Cover (5 pc set) |
| AC Adapter (provided as standard with the main unit) |

For Counteracting Static Electricity Ionizer for Electronic Balances

STABLO-AP

| Description |
|-------------|
| STABLO-AP |

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