

FD-610

Infra-red Moisture Determination Balance

ISO 9001



JIS Q 9001:2000
登録番号 JSAQ 352



QS Accreditation
認定番号 P001



SCIENCE OF SENSING
測定器のケットです。

Our products are manufactured in accordance with the ISO 9001:2000 Quality Management System.



Measurable sample materials must have these characteristics:

- Do not cause any hazardous chemical reactions when heated.
- Contain moisture or other component to be vaporized.



● **Specifications**

| | |
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| Measurement Method | Detection of weight loss by heating & drying |
| Sample Mass | 5 ~ 70g optional weight sampling format |
| Minimal Display Digit | Moisture(Solid content) 0.1%, Weight : 5mg |
| Measurement Subjects | Moisture / Solid Component content, Weight, Temperature |
| Measurement Range | Moisture/ Solid Component content: 0.0 ~ 100% Weight: 0.000 ~ 69.995g Displays "WEIGHT CHECK" over 70g. Temp.: 0 ~ 200 °C |
| Precision: | ±0.1% (5g or more) |
| Measurement Mode | Time Measurement Mode: 1 ~ 90 minutes Auto Measurement Mode: A: Moisture change 0.1% in one minute B: Moisture change 0.1% in two minutes |
| Drying Time Setting Range | 1~ 90 Minutes (One minute increments) Stops in 90 minutes for safety in Auto Measurement Mode |
| Drying Time Setting Range | 65 ~ 95°C (1°C increments, with memory) |
| Drying Completion Point Detection Method: | Moisture/solid component content monitoring (Auto Measurement Mode) |
| Display Format | Digital LCD display |
| External Output | RS232C interface |
| Environmental conditions: | Temperature:5 ~ 40°C Humidity : 85%RH or less |
| Sample Dish | SUS manufactured (ø95, 10mm depth) |
| Heat Source | 185w Infrared bulb x 1 pce |
| Temperature Measurement Method: | Thermistor |
| Power Supply | AC100 ~ 240V (50/60Hz) |
| Power Consumption | Max.185W (Bulb) + 2W (Control section) |
| Size and Weight | 210(W) x 320(D) x 318 (H)mm, 3.0Kg |
| Auto Tare Function | Automatic tare at 30-second intervals. |
| Accessories | Infrared Bulb (185W) x2, Sample dish x2, Sample dish stand Windshield, Spare Fuse(0.5A) Power Supply cord, Aluminum Sheets (20 pcs)Spoon set, Pincet, , Dust Cover, Operating Manual |
| Options | Printer set (VZ-330, Printer Connection Cable VZC-14, Printer Paper, AC Adaptor) Printer Paper (10 rolls), Aluminum sheet (500 pieces), Sample Crusher TQ-100 |



● Optional Printer VZ-330

⚠ Safety Notes

- Read the manual thoroughly prior to use.
- Do not measure samples that may cause hazardous chemical reactions when heated. Take care when handling the hot instrument.

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