

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

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 Temperature Setting Range	65 ~ 195°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.

ISO 9001



QMS  
JIS Q 9001:2000  
登録番号 JSAQ 352

QS Accreditation  
認定番号 R001

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.

# FD-610

## Infra-red Moisture Determination Balance



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