



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



INFRARED MOISTURE BALANCE

PT-4120 Simultaneous Drying and Weighing · 0 to 250 W Infrared Lamp

Measures moisture content by drying under infrared radiation and weighing at once.

Reads moisture directly in percentage, from 0 to 100%.



CERTIFIED & COMPLIANT



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0 - 250 W

Variable lamp power

0 - 100%

Moisture scale

0.2%

Division

3 Sizes

5 g, 10 g, 25 g

Drying and weighing at the same time · Thermometer for drying chamber · Direct % moisture scale



Technical Specifications

Parameter	Specification
Principle	Infrared drying and weighing together
Lamp Input	0 to 250 W, continuously variable
Moisture Scale	Direct in %, 0 to 100%
Scale Division	0.2%
Chamber Temp.	Thermometer provided
Heat Penetration	Greater than conventional methods
Suitable For	Materials with no chemical change on losing water
HSN Code	9031800

Model Options

Catalogue	Capacity
PT-4120/05	5 gms
PT-4120/10	10 gms
PT-4120/15	25 gms

Applications

- Food: moisture in ingredients and products
- Pharmaceuticals: moisture and drug stability
- Chemicals: raw materials and products
- Agriculture: grains, seeds and soil
- Textiles: fabrics and fibres
- Soil testing: construction and environmental

Why PT-4120

- Drying and weighing happen together.
- Ideal for substances that quickly reabsorb moisture.
- Continuously variable lamp power up to 250 W.
- Moisture percentage read directly on the scale.
- Three capacities: 5, 10 and 25 gms.

Standards & Quality

- Manufactured under an ISO 9001:2015 quality system.
- Widely used for soils, chemicals, foods, pharmaceuticals and plastics.

Request a Quotation

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