



PT-4115 DIGITAL TOP PAN BALANCE

MODEL	CAPACITY/gms	SENSITIVITY MILIGRAM	SENSITIVITY/ gms	RATE
PT-4115/05	1200	100	0.1	15000-00/-
PT-4115/10	600	10	0.01	17500-00/-
PT-4115/15	220	1	0.001	59950-00/-
PT-4115/20	220	0.1	0.0001	120000-00/-

PT-4120 INFRARED MOISTURE BALANCE

The Infrared Moisture Balance is an instrument for measuring the moisture content of materials that do not change their chemical structure while losing water under exposure to Infrared radiation. This instrument is widely used for testing soils used in construction, agriculture soils, chemicals, raw materials, foods, pharmaceuticals, plastics and similar materials.

Since drying and weighing are simultaneous the Infrared Moisture Balance is especially useful for determining the moisture percentage in substances that quickly reabsorb moisture after drying. The input power to the Infrared lamp can be continuously varied from 0 to 250 watts. As a result greater penetration of heat is possible than in conventional methods. The balance scale is divided directly in moisture percentages from 0 to 100% in 0.2% division. A thermometer is provided for estimating the temperature of the drying chamber.

(HSN-9031800)

MODEL	DESCRIPTION	RATE
PT-4120/05	5 gms	19950-00/-
PT-4120/10	10 gms	21950-00/-
PT-4120/15	25 gms	23950-00/-

PT-4120 INFRARED MOISTURE BALANCE

Applications of **Infrared Moisture Balance**:

- Food: Checks moisture in ingredients and products.
- Pharmaceuticals: Ensures drug stability by measuring moisture.
- Chemicals: Monitors moisture in raw materials and products.
- Agriculture: Assesses moisture in grains, seeds, and soil.
- Textiles: Controls moisture in fabrics and fibers.
- Environmental: Measures soil moisture for studies.

PT-4115, PT-4120

