TXL-NEM-006 / 28 October 2026 · One-year manufacturer warranty

Halogen Moisture Analyser Precisa PBM 60-HR (0.1 mg)

Swiss-made Precisa Series 530 halogen moisture analyser. 124 g capacity, 0.1 mg / 0.001 % readability, 50–230 °C temperature range. Suitable for critical samples with very low moisture content and for solids determination in coatings and dispersions.



Model technical data

1	Capacity: 124 g.
2	Readability: 0.1 mg / 0.001 %.
3	Repeatability: 0.05 % with a 2 g sample, 0.01 % with a 10 g sample.
4	Linearity: 1.5 mg.
5	Temperature range: 50–230 °C, 1 °C steps.
6	Halogen radiator; standard, boost and smooth heating modes.
7	Sample pan: Ø 100 mm. Response time: 4 s.
8	Memory for 30 methods; high-contrast backlit LC display.
9	Interfaces: USB type A (host), USB type B (device), RS232; results printed in GLP format.
10	Dimensions (W×L×H): 201 × 333 × 177 mm; net weight 5.5 kg. Swiss made.

Physical specifications and utilities

Electrical supply	Approx. 220–240 V AC, 50/60 Hz, single phase; build-dependent.
Power / connected load	Approx. 400–600 W connected load for preliminary planning.
Overall instrument dimensions	Dimensions (W×L×H): 201 × 333 × 177 mm; net weight 5.5 kg. Swiss made.
Instrument weight	Dimensions (W×L×H): 201 × 333 × 177 mm; net weight 5.5 kg. Swiss made.
Gross / shipping weight	Approx. 7.5–12 kg gross; estimated packing allowance.
Interfaces	Interfaces: USB type A (host), USB type B (device), RS232; results printed in GLP format.
Lab requirements	Heat-resistant bench and ventilation; clearance for hot surfaces.

Dimension order and approximate values are stated in each row. Packaging data are separate from instrument dimensions and net mass. Approx. rows are preliminary engineering estimates based on comparable equipment and function/capacity; they are not verified manufacturing measurements or standard requirements. Installation and shipment are finalised against the approved drawing and nameplate. Estimate scope: base product / one unit; external computer, bench and auxiliary plant excluded.

Specifications, dimensions, and power requirements are approximate and subject to change without prior notice for continuous design improvements.

Product technical specifications and images may vary according to manufacturing conditions and applicable standards.

Test and configuration

Measured output / function	Material- and method-dependent moisture/mass loss (%)
Parameters selected for the method	Material calibration or drying temperature and endpoint
Verification points	Reference moisture method, weighing and temperature

Control and recording specification

Method-specific software and recording requirements follow. Delivered software modules are defined by the order scope.

• Method code and edition, specimen ID, operator and selected test parameters are linked to the record.

• The calculation and endpoint are defined by the selected method edition; instrument signals and operator assessments are kept distinct.

• Raw measurements, units, valid/invalid test flags and the reported result remain traceable.

• Calculations are checked against known inputs and an independent calculation; sensor channels are checked against calibration values.

Related test methods

-

Listed methods are application references. Suitability is established by assessing hardware, method edition and calibration together.