




More information on the website  
[radwag.com/en/info,w1,DMO](http://radwag.com/en/info,w1,DMO)

# PMV 50.5Y Moisture Analyzer





The drawings, photos and graphics used are for illustrative purposes only.


## Functions

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Drying modes
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Samples drying
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Moisture content analysis
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Dry mass determination
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Microwave drying

## Datasheet

Metrological parameters	
Maximum capacity [Max]	50 g
Readability [d]	0.1 mg
Tare range	-50 g
Adjustment	external
Maximum sample weight	50 g
Heating module	microwave radiation emitter
Moisture content readability	0.0001%
Physical parameters	
Display	10" touchscreen

Physical parameters	
Protection class	IP 43
Packaging dimensions	670×510×575 mm
Communication interface	
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Heating module power	800 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Weighing pan material	glass fibre filter ø 90 mm

<sup>1</sup> 100-130 V AC 50/60 Hz (version A)  
200-240 V AC 50/60 Hz (version B)

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## Accessories

### MediaBox

- IM02.1 (MediaBox) Communication Module [WX-016-0303]

### RFID Tags

- RFID Tag [WX-015-0330]

### Antivibration Tables

- SAL/STONE/H Stainless Steel Antivibration Table [WX-001-0079]
- SAL/STONE/C Antivibration Table [WX-001-0078]

### Barcode scanners

- PD9330-AR Barcode Scanner [WX-006-0030]
- LS2208 Barcode Scanner [WX-006-0005]

### Moisture analyzer accessories

- Glass Fibre Filters [WX-003-0102]
- Reference Material Sodium Chloride [WX-003-0103]
- Transport Case for PMV PLUS Microwave Moisture Analyzer [WN-002-0021]
- MV Test Set [WX-003-0104]

### Additional modules

- RES Radwag Extended SI Module (5Y, CY10) [WX-016-0315]
- 21 CFR Part 11 Compliance Module (4Y, 5Y, CY10) [WX-001-0133]

### Protective cover for balances

- Hybrid Protective Glass 5Y, CY10 [WX-001-0435]

### RS 232, RS 485 cables

- PT0454 Cable [WX-013-0240]
- P0108 Cable [WX-013-0003]
- PT0443 Cable [WX-013-0229]
- P0108.5 Cable [WX-013-0161]

### Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

### Fingerprint Reader

#### RS 232 – USB Converter

- Moxa UPort 1110 Converter [WX-015-0278]

#### RS 232 cables (scale - printer)

- P0151 Cable [WX-013-0002]

## Software

- RAD Key [WX-010-0005]
- E2R Moisture Analyzers [WX-010-0072]
- RADWAG Development Studio [WX-010-0104]

- LabVIEW "Radwag Balances & Scale" Driver [WX-010-0105]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions

