






More information on the website
radwag.com/en/info,w1,DMO

PMV 50.5Y Moisture Analyzer



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

Functions

-  Autotest
-  Statistics
-  IR sensors
-  GLP Procedures
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Drying modes
-  Samples drying
-  Moisture content analysis
-  Dry mass determination
-  Wi-Fi
-  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

Metrological parameters	
Moisture content readability	0.0001%
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Packaging dimensions	670×510×575 mm
Protection class	IP 43
Communication interface	
Communication interface	USB-A ×2, 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)
Construction	
Weighing pan material	glass fibre filter ø 90 mm

¹ 100-130 V AC 50/60 Hz (version A)

200-240 V AC 50/60 Hz (version B)

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



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]

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

- Cable to the ZR-03/1 and ZR-04/1 Powerbank [WX-013-0244]
- PT0455 Cable [WX-013-0239]

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]

Barcode scanners

- LS2208 Barcode Scanner [WX-006-0005]

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

