



PMV 50.5Y Moisture Analyzer

WL-307-0006

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



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

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 repeatability	±0,05 % (sample ~ 2 g), ±0,01 % (sample ~ 10 g)
Moisture content readability	0,0001 %
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Packaging dimensions	670×510×575 mm
Construction	
Protection class	IP 43
Weighing pan material	glass fibre filter ø 90 mm
Communication interface	2xUSB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz
Heating module power	800 W
Operating temperature	+10 – +40 °C
Mass indication control	External mass standard 50 g, 100 g, 200 g, depending on the type of moisture analyzer (additional equipment)
Drying temperature control	One- or two-point, depending on the drying profile (additional equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set (additional equipment)
Drying temperature adjustment	Three-point adjustment at defined temperatures, programmable values (additional equipment: GT105k-12/Z Control Thermometer)
Features of use	
Finish mode	4 modes (automatic, manual, time-defined, user-defined)

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 (Additional Fee)

MediaBox	RS 232, RS 485 cables
RFID Tags	RS 232, RS 485 cables
Antivibration tables	Receipt Printer
Moisture analyzer accessories	Fingerprint Reader
Additional modules	RS 232 – USB Converter
Protective cover for balances	RS 232 cables (scale - printer)
Barcode scanners	

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

Device dimensions

