



# PMV 50.5Y Moisture Analyzer

WL-307-0006

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

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

<b>Metrological parameters</b>	
Moisture content repeatability	±0.05 % (sample ~ 2 g), ±0.01 % (sample ~ 10 g)
Moisture content readability	0.0001 %
<b>Physical parameters</b>	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Packaging dimensions	670×510×575 mm
<b>Construction</b>	
Protection class	IP 43
Weighing pan material	glass fibre filter ø 90 mm
<b>Communication interface</b>	
Communication interface	2xUSB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz <sup>1</sup>
Heating module power	800 W
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C
<b>SOP – metrological tests (additional options)</b>	
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)
<b>Features of use</b>	
Finish mode	4 modes (automatic, manual, time-defined, user-defined)

<sup>1</sup> 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]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions

