



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

**MYA 21/52.5Y Microbalance**



MYA 21/52.5Y Microbalance

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

## Functions



Autotest



Dosing



Percent Weighing



Parts counting



Peak hold



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Pipettes Calibration



Air density correction



Density determination



Differential weighing



Ambient conditions monitoring



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi

# Datasheet

	MYA 21/52.5Y Microbalance
<b>Metrological parameters</b>	
Maximum capacity [Max]	21/52 g
Minimum load	0,1 mg
Readability [d]	1/10 µg
Verification scale interval [e]	1 mg
Tare range	-52 g
Standard repeatability [5% Max]	1,5 µg
Standard repeatability [Max]	10 µg
Standard minimum weight (USP)	3 mg
Standard minimum weight (U=1%, k=2)	0,3 mg
Permissible repeatability [5% Max]	2,7 µg
Permissible repeatability [Max]	15 µg
Linearity	±10/30 µg
Eccentric load deviation	6/10 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	max 10 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Delivery components	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø26 + ø40 mm
Packaging dimensions	655×755×445 mm
Net weight	9,1 kg
Gross weight	16,6 kg
<b>Communication interface</b>	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)
Relative humidity	40% – 80%
Relative humidity change rate	±1%/h (±4%/8h)

\* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

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



## Accessories

Antivibration Tables  
Barcode scanners  
Professional weighing table  
USB Hubs  
THBR 2.0 System - Ambient Conditions Monitoring

Weighing dishes  
Fingerprint Reader  
RS 232 – USB Converter  
RS 232, RS 485 cables

## Software

RAD-KEY  
LabVIEW Driver  
RADWAG Remote Desktop  
Scales Editor 2.1  
R.Barcode

Audit Trail Reader  
Label Editor R02  
R-LAB  
RADWAG Development Studio

## Device dimensions

MYA 21/52.5Y Microbalance

