



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

MYA 31.4Y PLUS Microbalance



MYA 31.4Y PLUS Microbalance

Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit
measurement



Statistics



Checkweighing



IR sensors



GLP
GLP Procedures



Animal weighing



Pipettes Calibration



Air density correction



Automatic sliding door



Differential weighing



Ambient conditions
monitoring



Replaceable unit



SQC
Statistical Quality Control



ALIBI Memory



Wi-Fi

Datasheet

MYA 31.4Y PLUS Microbalance	
Metrological parameters	
Maximum capacity [Max]	31 g
Minimum load	100 µg
Readability [d]	1 µg
Tare range	-31 g
Verification scale interval [e]	1 mg
Standard repeatability [5% Max]	1,2 µg
Standard repeatability [Max]	4,5 µg
Permissible repeatability [5% Max]	2,5 µg
Permissible repeatability [Max]	6,5 µg
Linearity	±8 µg
Eccentric load deviation	8 µg
Sensitivity offset	$4 \times 10^{-6} \times R_t$
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	max 10 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	automatic - Reflex Level System
Display	5,7" resistive colour touchscreen
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø26 mm
Packaging dimensions	660×660×455 mm
Net weight	9,1 kg
Gross weight	16,6 kg
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Power consumption max.	10 W
Environmental conditions	
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)

Repeatability is expressed as a standard deviation from 10 weighing cycles.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

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



Accessories

Receipt Printer
Granite Antivibration Tables
Barcode scanners

USB Hubs
Antivibration Tables for Laboratory Balances
Chamber for filter weighing

Label Printers
Power Adapters
Anti-Draft Chamber for Microbalances
Automatic Variable-Volume Pipettes
Professional weighing table
Antistatic ionizer
„R-Pipettes“ Computer Software

THBR 2.0 System - Ambient Conditions Monitoring
Protective cover for balances
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
E2R System

Audit Trail Reader
RADWAG Connect
RADWAG Remote Desktop
RADWAG Development Studio
R.Barcode

Device dimensions

MYA 31.4Y PLUS Microbalance

