



More information on the website  
[radwag.com/us/info,w1,Y7B](https://radwag.com/us/info,w1,Y7B)

# MUYA 5 Ultra-Microbalance Module



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

## Datasheet

Maximum capacity [Max]	5,1 g
Preload range	0,51 g
Readability [d]	1 µg
Tare range	-5,1 g
Minimum weight (USP)	1,4 mg
Minimum weight (U=1%,k=2)	0,14 mg
Repeatability	0,7 µg
Linearity	±1,5 µg
Eccentric load deviation	1,5 µg
Sensitivity offset	$1,5 \times 10^{-6} \times Rt$
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times Rt$
Stabilization time	5 s
Adjustment	internal (automatic)
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ\text{C} \times Rt$

Construction	
Protection class	IP 32
Power consumption max.	700 mA (wireless terminal - 1A)
Operating temperature	+10 ÷ +40 °C
Relative humidity	40% ÷ 80%
Processor	2×1 GHz
Memory	RAM 256 MB DDR2, 16GB - microSD
Physical parameters	
Weighing pan dimensions	ø26 mm
Packaging dimensions	610×610×455 mm
Net weight	6,3 kg
Gross weight	12,8 kg



## Accessories

Antivibration tables  
 Anti-Draft Chamber for Microbalances  
 Barcode scanners  
 THBR 2.0 System - Ambient Conditions Monitoring

RS 232, RS 485 cables  
 RS 232 – USB Converter  
 RS 232 cables (scale - printer)

## Software

• RAD Key [WX-010-0005]

• RADWAG Development Studio [WX-010-0104]

## Device dimensions

