



More information on the website  
[mirror.radwag.com/en/info,w1,01A](http://mirror.radwag.com/en/info,w1,01A)

# MUYA 2 Ultra-Microbalance Module



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

## Datasheet

Metrological parameters	
Maximum capacity [Max]	2.1 g
Preload range	0.21 g
Readability [d]	0.1 µg
Tare range	-2.1 g
Minimum weight (USP)	0.5 mg
Minimum weight (U=1%,k=2)	0.05 mg
Repeatability	0.25 µg
Linearity	±1.5 µg
Eccentric load deviation	1.5 µg
Sensitivity offset	$1.5 \times 10^{-6} \times R_t$
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ\text{C} \times R_t$

Construction	
Protection class	IP 32
Electrical parameters	
Power consumption max.	700 mA (wireless terminal - 1A)
Environmental conditions	
Operating temperature	+10 – +40 °C
Relative humidity	40% – 80%
Components and software	
Processor	2×1 GHz
Memory	RAM 256 MB DDR2, 16GB – microSD
Physical parameters	
Weighing pan dimensions	ø16 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]

• R-Lab [WX-010-0080]

## Device dimensions

