



More information on the website
radwag.com/en/info,w1,Y7B

MUYA 5 Ultra-Microbalance Module



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

Datasheet

Metrological parameters	
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
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	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]

• R-Lab [WX-010-0080]

Device dimensions

