



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

WX-016-0112



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            | $1.5 \times 10^{-6} \times Rt$                |
| Sensitivity time drift        | $1 \times 10^{-6} / \text{Year} \times Rt$    |
| Stabilization time            | 10 - 20 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  | ø16 mm                          |
| Packaging dimensions     | 610×610×455 mm                  |
| Net weight               | 6.3 kg                          |
| Gross weight             | 12.8 kg                         |



## Accessories (Additional Fee)

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 (Additional Fee)

• RAD Key [WX-010-0005]  
 • RADWAG Development Studio [WX-010-0104]

• R-Lab [WX-010-0080]

## Device dimensions

