



More information on the website
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

