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[radwag.com/en/info,w1,JDE](http://radwag.com/en/info,w1,JDE)

# RB 2.4Y.F Robotic Weighing System



## Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Air density correction
-  Differential weighing
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Wi-Fi

## Datasheet

| Metrological parameters         |        |
|---------------------------------|--------|
| Maximum capacity [Max]          | 2,1 g  |
| Readability [d]                 | 1 µg   |
| Tare range                      | -2,1 g |
| Verification scale interval [e] | 1 mg   |

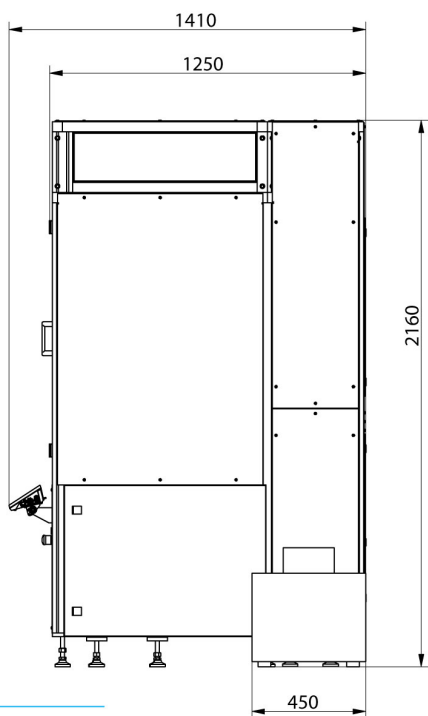
| <b>Metrological parameters</b>    |   |
|-----------------------------------|---|
| Repeatability (Max)               | 1 - 2 $\mu\text{g}$   |
| Repeatability (5% Max)            | 0,5 $\mu\text{g}$   |
| Linearity                         | $\leq 1,5 \mu\text{g}$  |
| Stabilization time                | 10 - 20 s   |
| Adjustment                        | internal  |
| OIML Class                        | I   |
| <b>Physical parameters</b>        |   |
| Display                           | 5,7" resistive colour touchscreen   |
| Device dimensions                 | 1900×1410×2160 mm   |
| Net weight                        | 700 kg  |
| Gross weight                      | 775 kg  |
| <b>Features of use</b>            |   |
| Touch-free operation              | 2 IR Sensors  |
| <b>Communication interface</b>    |   |
| Communication interface           | 2×RS232, 2×USB, Ethernet, 4 IN / 4 OUT (digital)                          |
| <b>Environmental conditions</b>   |   |
| Operating temperature             | +10 ÷ +40 °C  |
| Storage temperature               | -20 ÷ +50 °C  |
| Operating temperature change rate | $\pm 0,3^{\circ}\text{C}/1\text{h}$ ( $\pm 1^{\circ}\text{C}/8\text{h}$ ) |
| Relative humidity                 | 30% ÷ 70%   |
| Relative humidity change rate     | $\pm 1\%/h$ ( $\pm 4\%/8\text{h}$ )                                       |
| <b>Construction</b>               |   |
| Keypad                            | 8 przycisków  |

Repeatability is expressed as a standard deviation from 10 weighing cycles. Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Device dimensions



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