



# RB 2.1.5Y.F Robotic Weighing System

WL-501-0004



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

## Datasheet

| Metrological parameters     |                                |
|-----------------------------|--------------------------------|
| Maximum capacity [Max]      | 2.1 g                          |
| Readability [d]             | 1 µg                           |
| Verification unit [e]       | 1 mg                           |
| Tare range                  | -2.1 g                         |
| Repeatability (Max)         | 1 – 2 µg                       |
| Repeatability (5% Max)      | 0.5 µg                         |
| Linearity                   | ≤ 1.5 µg                       |
| Stabilization time          | 10 - 20 s                      |
| Adjustment                  | internal                       |
| OIML Class                  | I                              |
| Physical parameters         |                                |
| Display                     | 10" graphic colour touchscreen |
| Device dimensions W x D x H | 1900×1410×2160 mm              |
| Net weight                  | 700 kg                         |
| Gross weight                | 775 kg                         |

| Features of use                   |  |   |
|-----------------------------------|--|---|
| Touch-free operation              |  | 2 IR Sensors  |
| Working/conditioning storage      |  | 510 pcs   |
| Conditioning storage              |  | 510 pcs   |
| Communication interface           |  |   |
| Communication interface           |  | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters             |  |   |
| Power supply                      |  | 110 – 240 V AC 50/60 Hz                                       |
| Environmental conditions          |  |   |
| Operating temperature             |  | +19 – +25 °C  |
| Storage temperature               |  | -20 – +50 °C  |
| Operating temperature change rate |  | ±0.3 °C / 1 h (±1 °C / 8 h)                                   |
| Relative humidity                 |  | 30% – 70%   |
| Relative humidity change rate     |  | ±1% / h (±4% / 8 h)   |
| Construction                      |  |   |
| Keypad                            |  | 8 buttons   |

**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.

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## Accessories (Additional Fee)

RFID Tags  
Additional modules  
Protective cover for balances

RS 232, RS 485 cables  
Receipt Printer  
Fingerprint Reader

## Software (Additional Fee)

• Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

