



More information on the website
radwag.com/en/info,w1,GW5



RMC 2.4Y.F Robotic Weighing System



RMC 2.4Y.FC 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

	RMC 2.4Y.F Robotic Weighing System	RMC 2.4Y.FC Robotic Weighing System
Metrological parameters		
Maximum capacity [Max]	2,1 g	2,1 g
Readability [d]	1 µg	1 µg
Tare range	-2,1 g	-2,1 g
Verification scale interval [e]	1 mg	1 mg
Repeatability (Max)	1 - 2 µg	1 - 2 µg
Repeatability (5% Max)	0,5 µg	0,5 µg
Linearity	≤ 1,5 µg	≤ 1,5 µg
Stabilization time	10 - 20 s	10 - 20 s
Adjustment	internal	internal
OIML Class	I	I
Physical parameters		
Display	5,7" resistive colour touchscreen	5,7" resistive colour touchscreen
Device dimensions	2108×1067×1595 mm	2108×1404×1878 mm
Net weight	400 kg	700 kg
Gross weight	500 kg	775 kg
Features of use		
Touch-free operation	2 IR Sensors	2 IR Sensors
Communication interface		
Communication interface	2×RS232, 2×USB, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB, Ethernet, 4 IN / 4 OUT (digital)
Electrical parameters		
Power consumption max.	10 W	10 W
Environmental conditions		
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C
Storage temperature	-20 ÷ +50 °C	-20 ÷ +50 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)	±0,3°C/1h (±1°C/8h)
Relative humidity	30% ÷ 70%	30% ÷ 70%
Relative humidity change rate	±1%/h (±4%/8h)	±1%/h (±4%/8h)
Construction		
Keypad	8 przycisków	8 przycisków

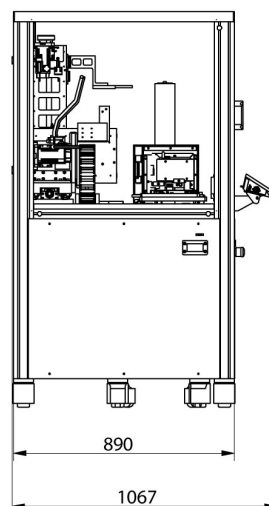
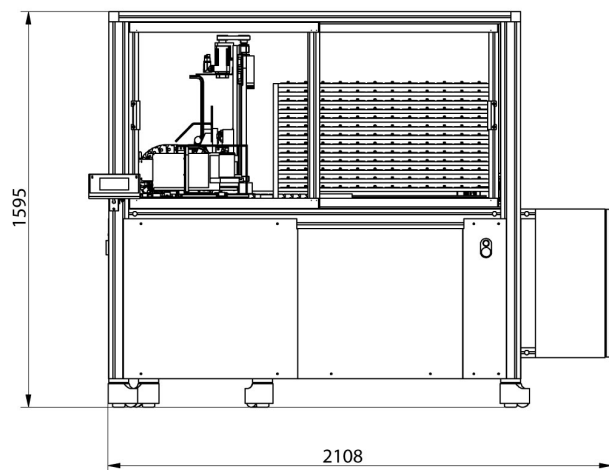
Repeatability is expressed as a standard deviation from 10 weighing cycles.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

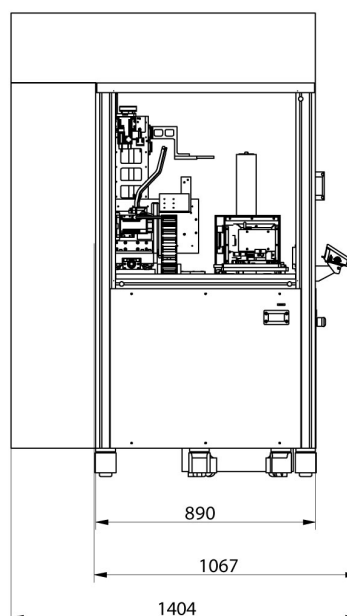
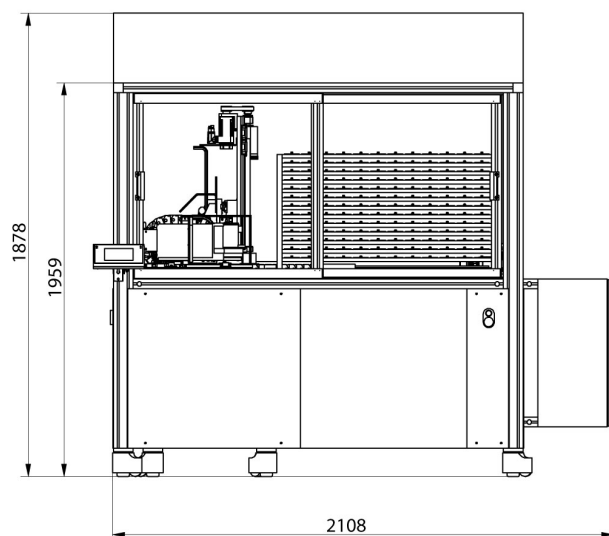
* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Device dimensions



RMC 2.4Y.F



RMC 2.4Y.FC