RMC 10000.5Y Robotic Mass Comparator

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

Datasheet

Metrological parameters	
E0 Calibration Range	1 kg – 10 kg *
E1 Calibration Range	1 – 10 kg
E2 Calibration Range	1 – 10 kg
F1 Calibration Range	1 – 10 kg
F2 Calibration Range	1 – 10 kg
Maximum capacity [Max]	10110 g
Readability [d]	0.01 mg
Repeatability [10% Max]	0.05 mg
Electric compensation range	-10 g – +110 g
Stabilization time	60 s
Mass standards comparision range	1, 2, 3, 5, 6, 10 kg
Permissible A to A change in the ABBA cycle	0.2 mg
Adjustment	internal (100g)
Physical parameters	
Emergency stop	Umożliwia zachowanie danych komparacji

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø190 mm - self centering
Device dimensions	2980x1400x1950 mm
Controling device dimensions	249×170×72 mm
Repeatability [Max] ***	0.05 mg
Magazine positions	10 with tags

Construction	
Supplementary weights	automatic

Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot

Electrical parameters	
Power supply	100 – 240 V AC 50/60 Hz

Environmental conditions	
Operating temperature	+15 – +30 °C
Operating temperature change rate	±0.5 °C / 12 h (±0.3 °C / 1 h)
Relative humidity	40% – 60%
Relative humidity change rate	±5% / 4 h

***E0 standard** determined from 1⎕5 limiting error according to OIML R111 for class E1.

****Permissible repeatability** measured by standard deviation at a load of 10% Max with 10 ABBA cycles, under laboratory environmental conditions as for class E1 standards equal to 0.05 mg.

*** **Permissible repeatability** over the whole measuring range measured by standard deviation at a load of: 2 kg, 3 kg, 5 kg, 6 kg, 10 kg, also when the load is carried out with not one but a group of control standards (e.g. 10× 1 kg) at 10 ABBA cycles, under laboratory environmental conditions as for E1 class standards equal to 0.05 mg.

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

Accessories

Additional modules
THBR 2.0 System - Ambient Conditions Monitoring

RS 232, RS 485 cables

Software

• RMCS Lite [WX-010-0164]

Device dimensions