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# APP 10.5Y.KO Mass Comparator

WL-407-0036



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

## Datasheet

Metrological parameters	
E1 Calibration Range	5 – 10 kg
E2 Calibration Range	1 – 10 kg
F1 Calibration Range	500 g – 10 kg
F2 Calibration Range	100 g – 10 kg
M1 Calibration Range	100 g – 10 kg
M2 Calibration Range	100 g – 10 kg
Maximum capacity [Max]	10.2 kg
Readability [d]	0.1 mg
Standard repeatability [Max]	0.4 mg
Standard repeatability [5% Max]	0.35 mg
Permissible repeatability	0.7 mg
Linearity	±0.6 mg
Eccentricity (tested load)	2d / 1 mm
Electric compensation range	-100 g – +200 g
Stabilization time	30 s

Metrological parameters	
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	∅190 (∅300) mm
Weighing device dimensions	455×300×380 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions W x D x H	1160×650×700 mm
Chamber packaging size	960×920×735 mm
Net weight	46 kg
Gross weight	60 kg
Construction	
Supplementary weights	internal (automatic)
Supplementary weights internal	half automatic
Supplementary weights external	300 g, 200 g
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
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

**Repeatability** is expressed as a standard deviation determined for 6 ABBA cycles. Standard deviation is experimentally determined under ambient conditions for calibration of F2 class mass standards specified in OIML R111 (Table C.1.) document.

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## Accessories (Additional Fee)

Self-centering pan for APP KO comparator  
 RFID Tags  
 Antivibration Tables  
 Additional modules  
 Protective cover for balances  
 Barcode scanners  
 RS 232, RS 485 cables

Label Printers  
 THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 Anti-Draft Chamber for Mass Comparators  
 RS 232 cables (scale - printer)

## Software (Additional Fee)

- RAD Key [WX-010-0005]
- RMCS System Network Management of Calibration Process [WX-010-0048]

- RMCS Lite [WX-010-0164]

# Device dimensions W x D x H

