



More information on the website  
[radwag.com/us/info,w1,QIQ](http://radwag.com/us/info,w1,QIQ)

# AK-4.1001.5Y Automatic Mass Comparators



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

## Datasheet

E1 Calibration Range	100 g – 1 kg
E2 Calibration Range	100 g – 1 kg
F1 Calibration Range	100 g – 1 kg
F2 Calibration Range	100 g – 1 kg
Maximum capacity [Max]	1,02 kg
Readability [d]	0,001 mg
Standard repeatability [5% Max]	1,7 µg
Standard repeatability [Max]	2 µg
Permissible repeatability	3,5 µg
Eccentricity (tested load)	0 mg
Electric compensation range	1 – 10 g
Stabilization time	30 s
Adjustment	external
<b>Physical parameters</b>	
Display	10" graphic colour touchscreen

Physical parameters	
Weighing pan dimensions	ø50 mm
Weighing device dimensions	385×215×600 mm
Controlling device dimensions	249×170×72 mm
Anti-draft chamber dimensions	560×340×665 mm
Packaging dimensions	760×860×560 mm
Chamber packaging size	950×420×630 mm
Net weight	26 kg
Gross weight	42 kg
Supplementary weights internal	half automatic
Supplementary weights external	-
Magazine positions	4
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	100 – 240 V AC 50/60 Hz
Operating temperature	+15 – +30 °C
Operating temperature change rate	±0,5 °C / 12 h (±0,3 °C / 4 h)
Relative humidity	40% – 60%
Relative humidity change rate	±5% / 12 h (3% / 4 h)

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



## Accessories

RFID Tags  
 Antivibration tables  
 Additional modules  
 Protective cover for balances  
 Barcode scanners  
 RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232, RS 485 cables  
 RS 232 cables (scale - printer)

## Software

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

- RMCS Lite [WX-010-0164]

## Device dimensions



AK-4/100, AK-4/1000,  
AK-4/1000.1



AK-4/2000, AK-4/5000,  
AK-4/5000.1



AK-4/10000, AK-4/16000

