



More information on the website  
[radwag.com/us/info,w1,D80](http://radwag.com/us/info,w1,D80)

# AVK 1000.5Y Automatic Vacuum Mass Comparator



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]	1002 g
Readability [d]	0,1 µg
Standard repeatability [5% Max]	0,4 µg
Standard repeatability [Max]	0,5 µg
Permissible repeatability	1 µg
Electric compensation range	-1 g – +2 g
Stabilization time	60 s
Adjustment	external
<b>Physical parameters</b>	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø100 mm

Physical parameters	
Vacuum chamber dimensions	965×745×1150 mm
Pressure range	10 <sup>(-6)</sup> mbar
Object diameters	cylindrical ø (22 – 95)×110; spherical ø (40 – 100) mm
Weighing device dimensions	965×745×1700 mm
Controlling device dimensions	249×170×72 mm
Net weight (without table)	250 kg
Net weight (with table)	650 kg
Supplementary weights external	500 g, 800 g, 900 g
Magazine positions	6
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	±0,1 °C / 12 h
Relative humidity	45% – 60%

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## Accessories

RFID Tags  
 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

• RMCS Lite [WX-010-0164]

• RMCS System Network Management of Calibration Process [WX-010-0048]

## Device dimensions

