



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

# AVK 1000.5Y Automatic Vacuum Mass Comparator equipped with pumps



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

## Datasheet

| Metrological parameters         |                                |
|---------------------------------|--------------------------------|
| 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                       |
| Physical parameters             |                                |
| 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           |  |
| 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 | ±0.1 °C / 12 h   |
| Relative humidity                 | 45% – 60%  |

**Repeatability in a vacuum** under model ambient conditions for 6 ABBA cycles.

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



## 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

