AVK 1000.5Y.LLS Automatic Vacuum Mass Comparator equipped with pumps and Load-Lock System

WL-417-0005

More information on the website
mirror.radwag.com/en/info,w1,LHC



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

Datasheet

Metrological parameters	
E0 Calibration Range	100 g – 1 kg *
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 [Max]	1 µg **
Standard repeatability [5% Max]	0.8 µg **
Permissible repeatability	1.5 µg
Linearity	±2 µg
Electric compensation range	-1 g – +2 g
Stabilization time	60 s

Metrological parameters	
Adjustment	internal / external
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø100 mm
Vacuum chamber dimensions	965×745×1150 mm
Pressure range	$10(^{-6})$ mbar
Object diameters	cylindrical ø (22 – 95)x110; spherical ø (40 – 100) mm
Weighing device dimensions	965×745×1700 mm
Controling device dimensions	249×170×72 mm
Net weight (without table)	250 kg
Net weight (with table)	650 kg
Construction	
Supplementary weights external	500 g, 800 g, 900 g
Magazine	6
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), 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%
Relative humidity change rate	±2% / 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 E1 class mass standards specified in OIML R111 (Table C.1.) document.
***E0 standard** determined from 1/5 limiting error according to OIML R111 for class E1.
****Repeatability** achieved in vacuum.

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

Accessories (Additional Fee)

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 cables (scale - printer)

Software (Additional Fee)

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

Device dimensions W x D x H

