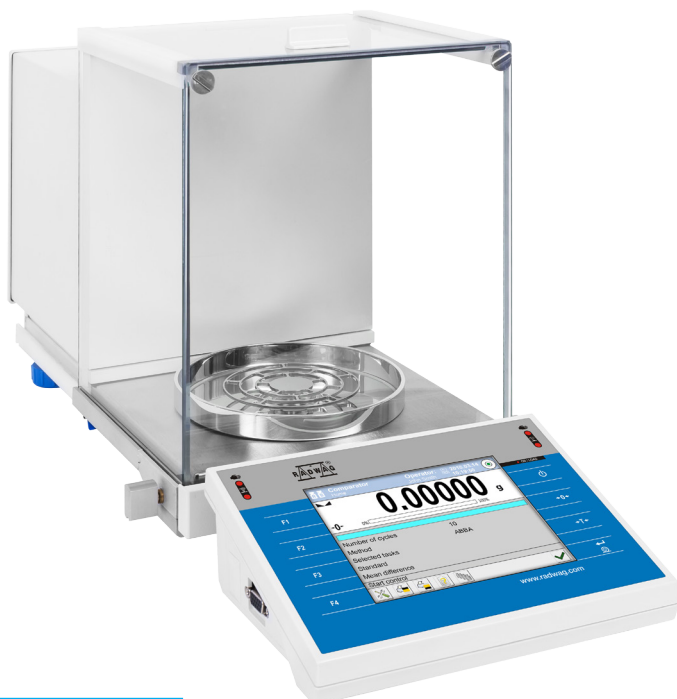


XA 4Y.A.KB Mass Comparator

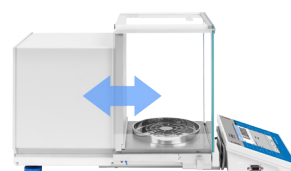
Class-leading manual mass comparator



XA 4Y.A.KB





Open-work weighing pan





Spacious weighing chamber with automatic door


Functions


- 


Mass comparator
- 

Ambient conditions measurement
- 

Proximity sensors
- 

Replaceable units
- 

Multilingual menu
- 

Autotest
- 

Automatic sliding door

Features

Effective and Excellent Measurement

The XA 4Y.A.KB mass comparator represents the standard-class manual mass comparators. The comparator allows to compare weights of class F2 and lower of mass ranging between 1 mg and 200 g.

Maximum Comfort of Operation







The mass comparator is equipped with aesthetic and spacious anti-draft chamber with automatic door. The open-work weighing pan reduces the influence of ambient conditions on carried out measurement.

Dedicated Software

Specially designed RMCS computer software enables comprehensive realisation of calibration procedures in laboratory. The system manages the whole calibration process, starting from the moment the order is placed, through procedure performance, to the moment of issuing the calibration certificate.

Technical Specifications

XA 200.4Y.A.KB

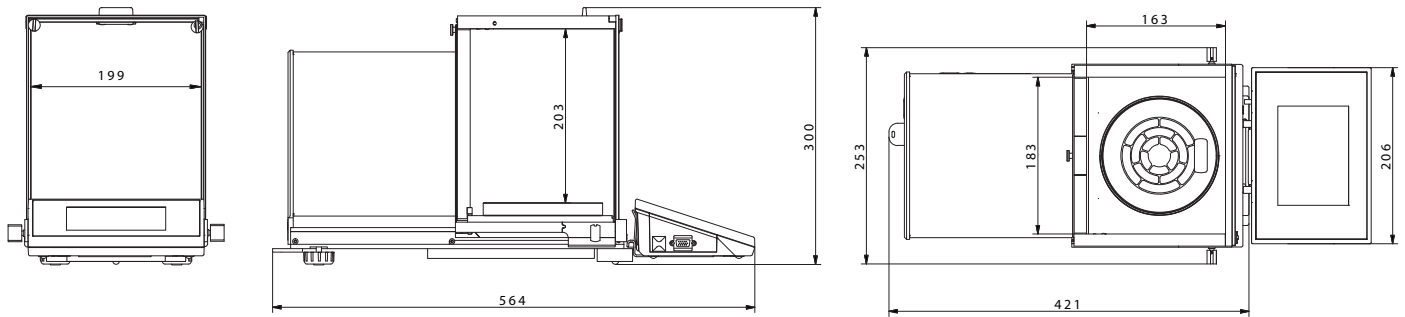
OIML calibration range E1		—
OIML calibration range E2		100 g ÷ 200 g
OIML calibration range F1		1 g ÷ 200 g
OIML calibration range F2		50 mg ÷ 200 g
OIML calibration range M1		1 mg ÷ 200 g
OIML calibration range M2		1 mg ÷ 200 g
Maximum capacity [Max]		210 g
Readability [d]		0.01 mg
Repeatability for nominal load*		0.035 mg (200 g)
Repeatability for small load*		0.015 mg (10 g)
Stabilization time		7 s
Adjustment		internal
Electric compensation range		0 g ÷ 210 g
Eccentricity (for test weight)		1 d / 1 mm
Display		5.7" colour resistive touch screen
Keypad		8 keys
Ingress protection - indicator		IP 43
Touch-free operation		2 programmable sensors
USB-A		2
Ethernet		10 / 100 Mbit
RS 232		2
Wireless Connection		802.11 b/g/n
IN/OUT		4 × IN, 4 × OUT
Power supply		110 ÷ 230 V AC / 50 ÷ 60 Hz
Operating temperature		+15 ÷ +35 °C
Operating temperature change rate		±1°C / 12 h
Relative humidity variations		±5% / 4 h
Relative humidity***		40 ÷ 70%
Transport and storage temperature		-20 ÷ +50 °C
Weighing pan dimensions		ø 90 mm
Mass comparator dimensions**		564 × 253 × 300 mm
Indicator dimensions**		206 × 140 × 70 mm
Mass comparator net weight		14.7 kg
Mass comparator gross weight		19.1 kg
Mass comparator packaging dimensions**		720 × 385 × 485 mm

* repeatability is expressed as a standard deviation determined for 6 ABBA cycles

** dimensions: length x width x depth

*** non-condensing conditions

Dimensions



XA 4Y.A.KB

Accessories

Weighing Tables

- granite anti-vibration table
- anti-vibration table for laboratory balances
- professional weighing table

Ambient Conditions

- THB-S or THB-P sensor

Peripheral Devices

- Epson dot matrix printer
- barcode scanner
- WD-5/3Y LCD display (backlit)

Cables, Converters

- RS-232 – P0108 computer cable
- RS-232 – P0167 computer cable
- RS-232 – P0151 Epson printer cable

Electrical Accessories

- power supply with ZR-02 battery

Dedicated Software

RMCS System

- performance of calibration procedures in a laboratory from the moment the order is placed, to the moment of issuing a calibration certificate
- compatible with THB sensors enabling recording ambient conditions
- export of report results to various files
- archiving calibration protocols, orders, certificates and ambient conditions

RADWAG Remote Desktop

- remote control of the mass comparator using computer, telephone or tablet
- sending text messages
- version for Windows 10 and Android systems

R-LAB

- collecting measurements
- carrying out statistical analysis of measurements
- customized graphs and reports

Parameters Editor

- remote change of parameters
- remote on-line preview of the display
- displaying current mass indication
- software update
- file loading, editing and saving parameters to a file
- import and export of parameters
- interfaces: RS232, Ethernet and Wireless Connection
- quick and easy edition of balance parameters using computer