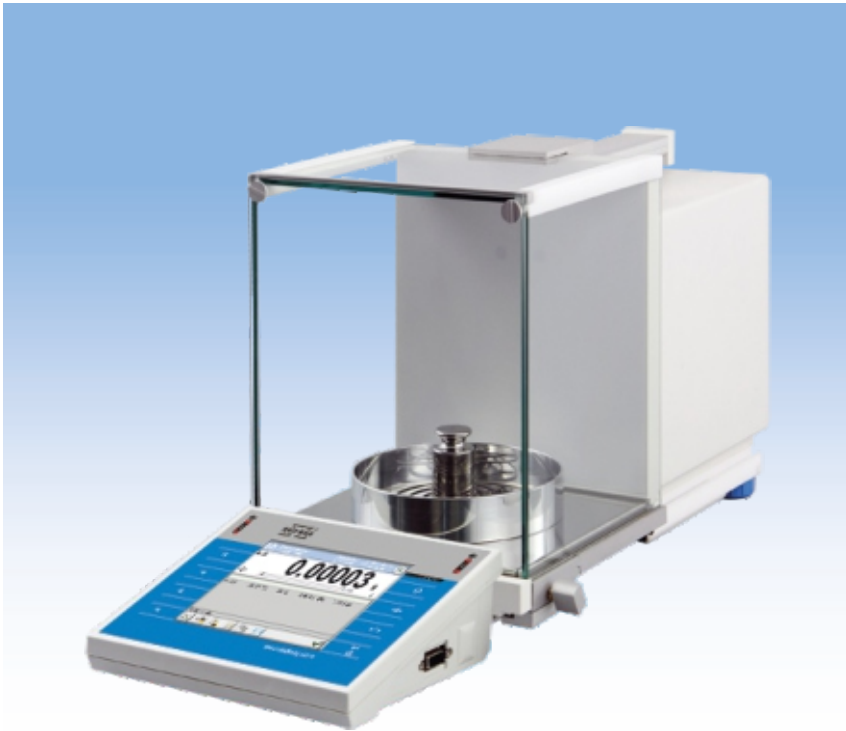


MASS COMPARATOR XA 3Y.KB



The newest line of Radwag Mass Comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 1 mg to 200 g for F2 class and lower.

The comparators are used both for ensuring traceability of mass measurements, and verification of weights in accordance with the principles of legal metrology. RADWAG Mass Comparators have gained recognition among Accredited Calibration Laboratories in many countries.

Mass comparators XA 3Y.KB series comprise two components. One of them holds the electronic module, and the other precise mechanical measuring system.

The comparators feature an aesthetic, large weighing chamber creating a glass draft shield and comprising automatic door opening system. The XA 3Y.KB series features a intuitive menu supporting a user in instrument operation.

Technical data:

XA 200.3Y.KB

Max capacity	210 g
Reading interval	0,01 mg
Repeatability *	0,05 mg
Electric compensation range	0 ÷ 210 g
Supplementary weights (on request)	none
Stabilization time	7 s
Adjustment	internal
Power supply	13,5 ÷ 16 V DC / 2,1 A
Pan size	ø85 mm
Weighing unit dimensions	417 × 250 × 300 mm
Control unit dimensions	206 × 140 × 70 mm
Net weight / Gross weight	12,6 / 16,3 kg
Ambient conditions:	
Working temperature	+10° ÷ +40°C
Change rate of working temperature	±2°C / 12 h
Atmospheric humidity	40 % ÷ 70 %
Change rate of atmospheric humidity	±5 % / 4 h

* Repeatability expressed as standard deviation from 6 measuring cycles ABBA (according to OIML R111) in stable laboratory operating conditions.

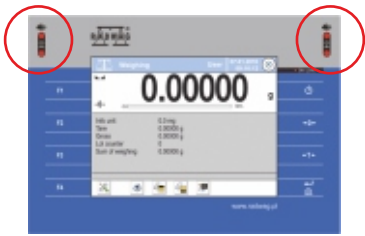
Yellow	E1	XA 200.3Y.KB
Orange	E2	
Red	F1	
Green	F2	
Blue	M1	
Purple	M2	
1 mg		
2 mg		
5 mg		
10 mg		
20 mg		
50 mg		
100 mg		
200 mg		
500 mg		
1 g		
2 g		
5 g		
10 g		
20 g		
50 g		
100 g		
200 g		
500 g		
1 kg		
2 kg		
5 kg		
10 kg		
20 kg		
50 kg		
100 kg		
200 kg		
500 kg		
1000 kg		

Additional equipment:

External adjustment weight

PC software for network management of calibration process

Temperature and humidity sensors installed inside the weighing chamber



Infrared proximity sensors

Optional functions:

- PRINT function
- TARE function
- sensor's sensitivity



Data exchange through USB data storage device

- software update
- export weighing data
- export / import databases
- export / import balance settings
- exchanging data between balances



Communication interface

- Ethernet 10/100Mbps
- RS 232
- 2×USB 2.0
- additional display

