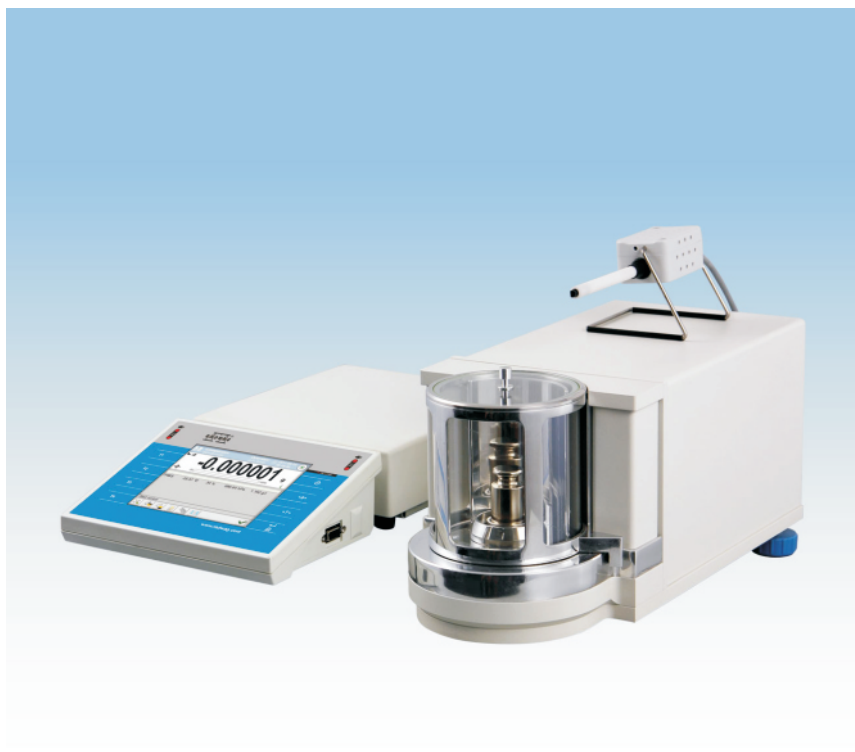


Mass comparator UYA/KO



The newest line of Radwag mass comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 1mg to 5 g in class E1 and lower.

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

Mass comparators series UYA/KO comprise two components. One of them holds the electronic module, and the other precise mechanical measuring system. Such solution guarantees elimination of temperature influence (warming of electronic elements) on the comparator's indications. Comparators feature an aesthetic, cylindrically shaped weighing chamber with glass draft shield and automatic opening door system. All elements of the weighing chamber are manufactured from glass or metal which minimizes the influence of electrostatic charges on weighing result.

Technical data:

	UYA 5/KO
Max capacity	5 g
Readability	0,0001 mg
Repeatability *	0,0005 mg
Electric compensation range	+/- 1 g
Supplementary weights	3 g, 1 g, 1 g
Stabilization time	10 s
Adjustment	external
Power supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V DC / 1,1 A
Pan size	ø 16
Weighing unit dimensions	370×160×173 mm
Control unit dimensions	360×208×74 mm
Net weight / Gross weight	10,2/14,7kg
Ambient conditions:	
Working temperatue	+10°C ÷ +40°C
Change rate of working temperature	±0,5°C / 12h
Atmospheric humidity	40% ÷ 60%
Change rate of atmospheric humidity	±1% / 12h

* 6 cycles ABBA

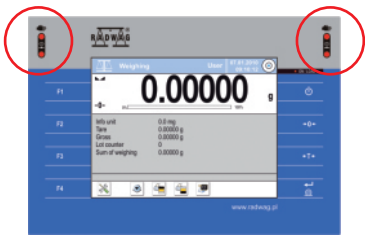
	UYA 5/KO
1 mg	E1
2 mg	E2
5 mg	F1
10 mg	F2
20 mg	M1
50 mg	M2
100 mg	
200 mg	
500 mg	
1 g	
2 g	
5 g	
10 g	
20 g	
50 g	
100 g	
200 g	
500 g	
1 kg	
2 kg	
5 kg	
10 kg	
20 kg	
50 kg	
100 kg	
200 kg	
500 kg	
1000 kg	

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



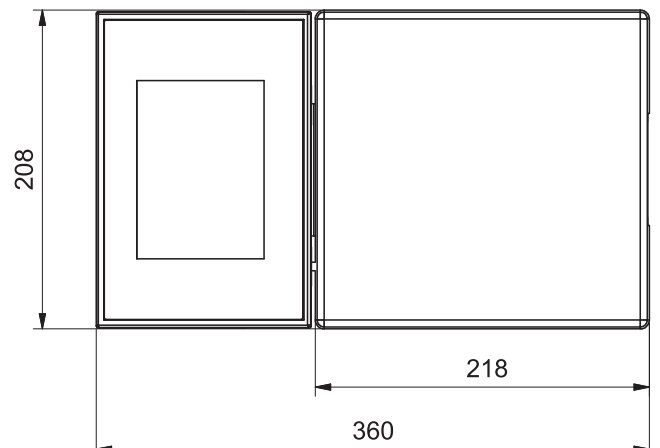
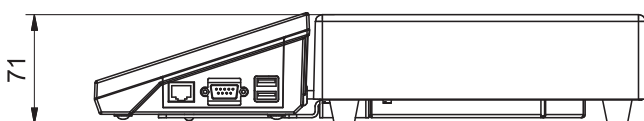
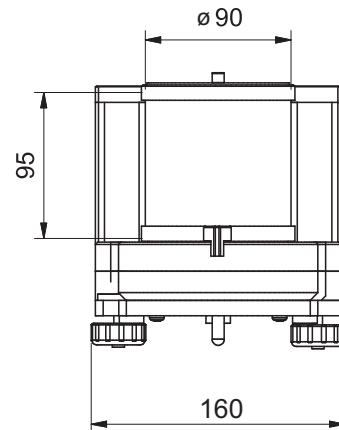
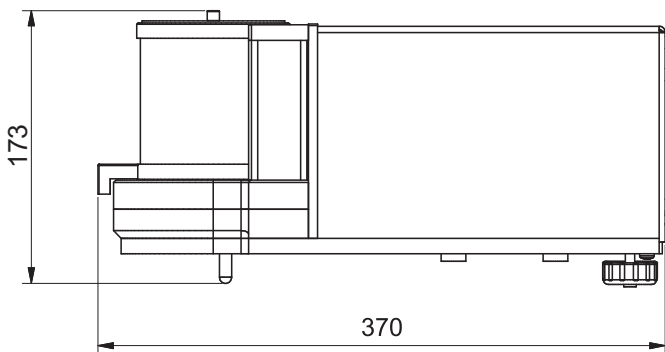
Data exchange through USB data storage device

- software update
- exporting weighing data
- exporting/importing databases and settings

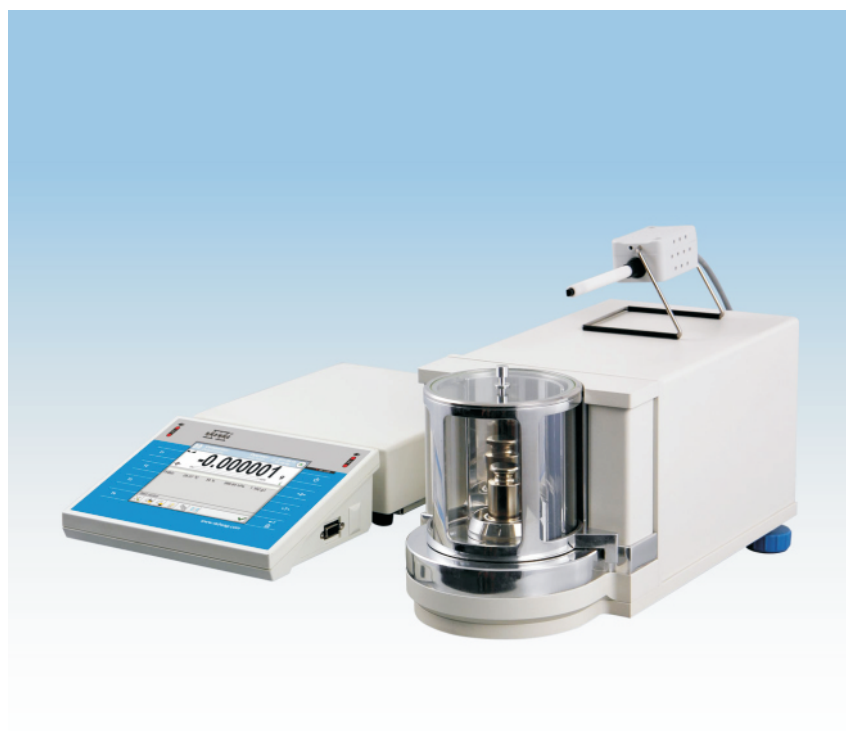


Communication interface

- Ethernet
- RS 232
- 2×USB
- 2×digital input / output



Mass comparator MYA/KO



The newest line of Radwag mass comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 1mg to 100 g in class E1 and lower.

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

Mass comparators series MYA/KO comprise two components. One of them holds the electronic module, and the other precise mechanical measuring system. Such solution guarantees elimination of temperature influence (warming of electronic elements) on the comparator's indications. Comparators feature an aesthetic, cylindrically shaped weighing chamber with glass draft shield and automatic opening door system. All elements of the weighing chamber are manufactured from glass or metal which minimizes the influence of electrostatic charges on weighing result.

Technical data:

	MYA 100/KO
Max capacity	100 g
Readability	0,001 mg
Repeatability *	0,003 mg
Electric compensation range	+/- 10 g
Supplementary weights	50 g, 30 g, 10 g
Stabilization time	10 s
Adjustment	external
Power supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V DC / 1,1 A
Pan size	ø 22
Weighing unit dimensions	370×160×173 mm
Control unit dimensions	360×208×74 mm
Net weight / Gross weight	10,2/14,7kg
Ambient conditions:	
Working temperature	+10°C ÷ +40°C
Change rate of working temperature	±0,5°C / 12h
Atmospheric humidity	40% ÷ 60%
Change rate of atmospheric humidity	±2% / 12h

* 6 cycles ABBA

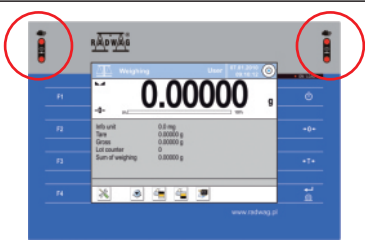
	MYA 100/KO
1 mg	E1
2 mg	E2
5 mg	F1
10 mg	F2
20 mg	M1
50 mg	M2
100 mg	
200 mg	
500 mg	
1 g	
2 g	
5 g	
10 g	
20 g	
50 g	
100 g	
200 g	
500 g	
1 kg	
2 kg	
5 kg	
10 kg	
20 kg	
50 kg	
100 kg	
200 kg	
500 kg	
1000 kg	

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
- exporting weighing data
- exporting/importing databases and settings



Communication interface

- Ethernet
- RS 232
- 2×USB
- 2×digital input / output

