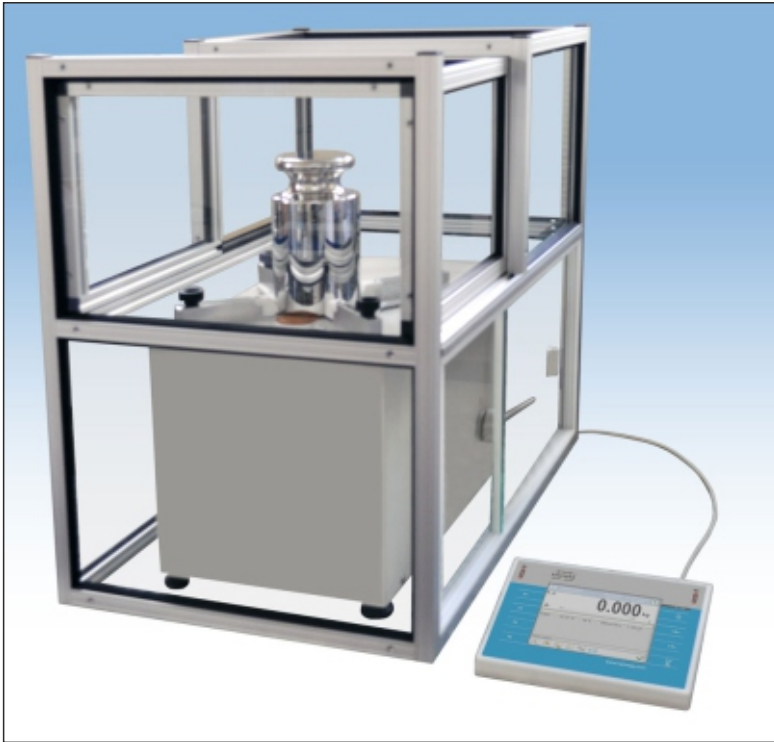


MASS COMPARATOR APP 3Y.KO



The newest line of Radwag Mass Comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 1 mg to 50kg for E1 class and lower.

The mass 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 APP 3Y.KO series comprises two components. One of them holds the electronic module, and the other precise mechanical measuring system.

APP 64.3Y.KO comparator enables calibration of E2 (50kg) class weights and of lower classes weights. Full range of calibration is available, starting from 0 up to 64 kilograms.

High measuring accuracy is guaranteed by semi-automatic adjustment system with external mass standard. The weighing pan made of aluminum is covered with cork layer and features centering holders for the weights. The APP 3Y.KO series features a intuitive menu supporting a user in instrument operation.

Correct operation of the mass comparator requires applying a special anti-draft shield which comes standard with the instrument.



APP 64 / 25.3Y.KO

Technical data:

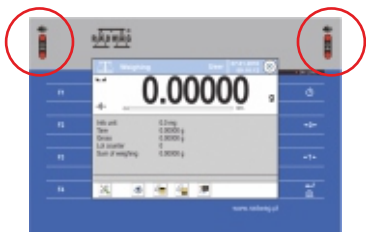
	APP 10.3Y.KO	APP 25.3Y.KO	APP 64.3Y.KO
Max capacity	10,2 kg	25,1 kg	64 kg
Readability	0,1 mg	1 mg	10 mg
Repeatability *	0,5 mg	2 mg	18 mg
Electric compensation range	-100 ÷ +200 g	0 ÷ 25,1 kg	0 ÷ 64 kg
Supplementary weights internal	5 kg; 3 kg; 1 kg; 0,5 kg	none	none
Supplementary weights external	300 g; 200 g	none	none
Stabilization time	10 s		
Adjustment	external		
Power supply	13,5 ÷ 16 V DC / 2,1 A		
Pan size	308 × 308 mm	308 × 308 mm	302 × 302 mm
Weighing unit dimensions	454 × 316 × 358 mm	454 × 316 × 358 mm	320 × 280 × 197 mm
Control unit dimensions	206 × 140 × 70 mm	206 × 140 × 70 mm	206 × 140 × 70 mm
Packaging size	1170 × 650 × 700 mm	1170 × 650 × 700 mm	560 × 550 × 315 mm
Net weight / Gross weight	30 kg / 59 kg	30 kg / 34 kg	14,5 kg / 17 kg
Ambient conditions:			
Working temperature	+15° ÷ +30°C		
Change rate of working temperature	± 0,5°C/12h (± 0,3°C/h)		
Atmospheric humidity	40% ÷ 60%		
Change rate of atmospheric humidity	± 5% / 4h		

	APP 10.3Y.KO	APP 25.3Y.KO	APP 64.3Y.KO
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			

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

Additional equipment:

Anti-vibration table for laboratory balances	Additional LCD display "WD-5/3Y"
Kafka thermal printer	PC USB keyboard
Epson impact printer	Antistatic cable PA1
"Tare" or "Print" foot button	PUE-7-32 wall mounting kit
"PW-WIN" computer software	Barcode scanner
"RAD-KEY" computer software	Cable RS 232 (balance - Kafka printer) "P0136"
"RAD-CAL" computer software	Cable RS 232 (balance - computer) "P0108"
THB 2 ambient conditions module	Cable RS 232 (balance - Epson, Citizen printer) "P0151"
THB/R ambient conditions monitor	



Infrared proximity sensors

Optional functions:

- PRINT function
- TARE function
- sensor's sensitivity adjustment



Data exchange through USB data storage device

- software update
- export weighing data
- export / import databases and settings



Communication interface

- Ethernet 10/100Mbps
- RS 232
- 2×USB 2.0
- 4×digital input / output