



Компараторы массы серии APP.4Y.KO RADWAG

Модели APP 10.4Y.KO, APP 25.4Y.KO, APP 64.4Y.KO

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Астана +7(7172)727-132	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31
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Воронеж (473)204-51-73	Липецк (4742)52-20-81	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Екатеринбург (343)384-55-89	Магнитогорск (3519)55-03-13	Рязань (4912)46-61-64	Уфа (347)229-48-12
Иваново (4932)77-34-06	Москва (495)268-04-70	Самара (846)206-03-16	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93



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 4Y.KO series comprises two components. One of them holds the electronic module, and the other precise mechanical measuring system.

APP 64.4Y.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 4Y.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.



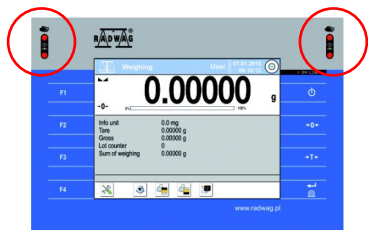
Technical specification:

	APP 10.4Y.KO	APP 25.4Y.KO	APP 64.4Y.KO
E1	5 kg ÷ 10 kg	20 kg	-
E2	1 kg ÷ 10 kg	5 kg ÷ 20 kg	50 kg
F1	100 g ÷ 10 kg	2 kg ÷ 20 kg	20 kg ÷ 50 kg
F2	100 g ÷ 10 kg	1 kg ÷ 20 kg	5 kg ÷ 50 kg
M1	100 g ÷ 10 kg	1 kg ÷ 20 kg	2 kg ÷ 50 kg
M2	100 g ÷ 10 kg	1 kg ÷ 20 kg	1 kg ÷ 50 kg
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 g ÷ +200 g	100 g ÷ 25,1 kg	0 ÷ 64 kg
Eccentricity error		2 divisions per 1 mm	
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	30 s	30 s	10 s
Adjustment		external	
Power supply		13,5 ÷ 16 V DC / 2,1 A	
Pan size	308 × 308 mm	308 × 308 mm	302 × 252 mm
Weighing unit dimensions	454 × 316 × 358 mm	455 × 275 × 208 mm	455 × 275 × 208 mm
Control unit dimensions		206 × 140 × 70 mm	
Net weight / Gross weight	32 / 47 kg	20 / 35 kg	20 / 35 kg
Packaging size	1170 × 650 × 700 mm	1170 × 650 × 700 mm	1170 × 650 × 700 mm
Ambient conditions:			
Working temperature	+15° ÷ +30°C	+15° ÷ +30°C	+10° ÷ +40°C
Change rate of working temperature	± 0,5°C/12h (± 0,3°C/h)	± 0,5°C/12h (± 0,3°C/h)	± 3,5°C / 12h
Atmospheric humidity	40% ÷ 60%	40% ÷ 60%	30% ÷ 70%
Change rate of atmospheric humidity	± 5% / 4h	± 5% / 4h	± 10% / 4h
Sensitivity drift			2ppm/°C in temperature +15° ÷ +35°C

* 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-5/4Y"
Epson impact printer	PC USB keyboard
"Tare" or "Print" foot button	Antistatic cable PA1
"PW-WIN" computer software	PUE-7-32 wall mounting kit
"RAD-KEY" computer software	Barcode scanner
"RAD-CAL" computer software	Cable RS 232 (balance - computer) "P0108"
THB 3 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
- Wireless Module

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