



The newest line of Radwag Mass Comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 2 kg to 50kg for F2 class 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 APP 3Y.KB comprise two components. One of them holds the electronic module, and the other precise mechanical measuring system. High measuring accuracy is guaranteed by semi-automatic adjustment system with external mass standard. The weighing pan is made of aluminum and features holders for centering the tested mass standard. The comparator features user friendly menu.

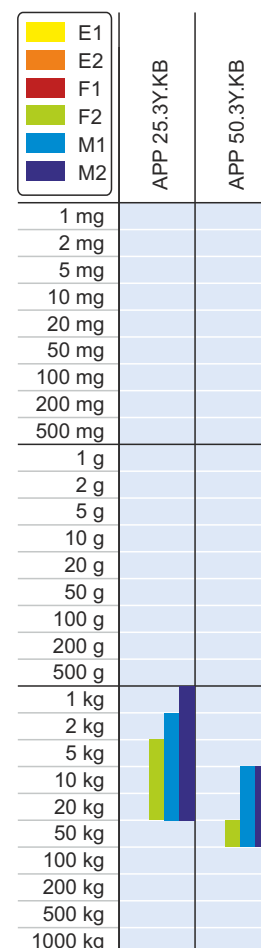
Technical data:

	APP 25.3Y.KB	APP 50.3Y.KB
Max capacity	25,5 kg	51 kg
Readability	10 mg	100 mg
Repeatability*	15 mg	100 mg
Electric compensation range	0 ÷ 25,5 kg	0 ÷ 51 kg
Supplementary weights (on request)	none	
Stabilization time	5 s	3 s
Adjustment	external	
Power supply	13,5 ÷ 16 V DC / 2,1 A	
Pan size	302 × 252 mm	
Weighing unit dimensions	370 × 280 × 197 mm	
Control unit dimensions	206 × 140 × 70 mm	
Net weight / Gross weight	13 / 15 kg	
Packaging size	560×550×315 mm	

Ambient conditions:

Working temperature	+10° ÷ +40°C
Change rate of working temperature	± 2°C / 12h
Atmospheric humidity	30% ÷ 70%
Change rate of atmospheric humidity	± 10% / 4h

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

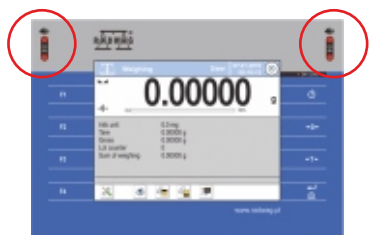


Additional equipment:

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 adjustment



Electronic level indicator

Functions:

- ALARM function
- graphic level indicator
- programmable acceptable tilts



Data exchange through USB storage device

- software update
- exporting weighing data
- exporting/importing databases and settings
- exporting/importing balance settings
- exchanging data between balances



Communication interface

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

