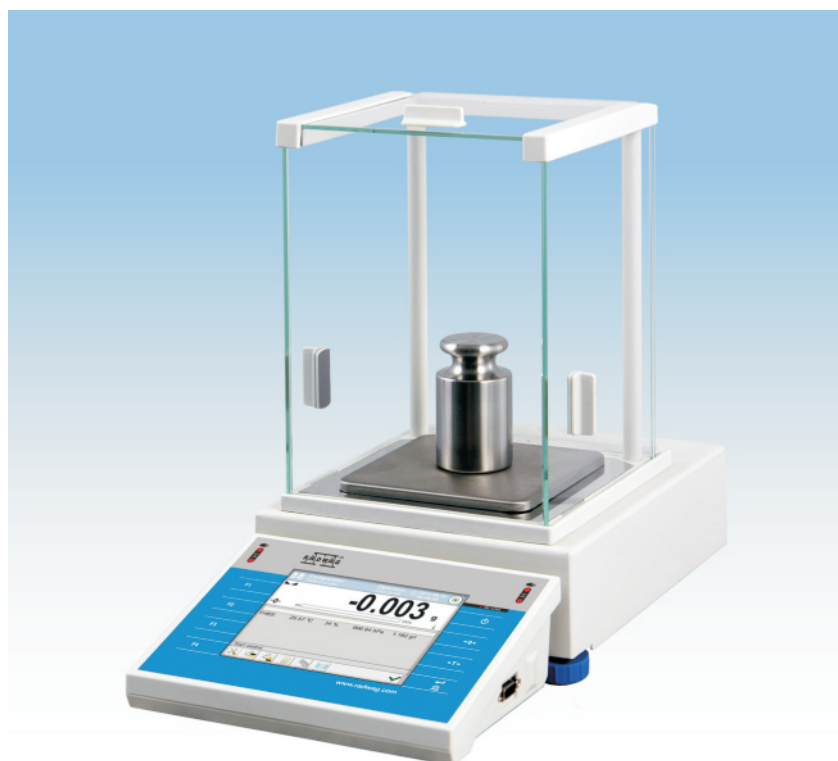


# Mass comparator PSY/KB



The newest line of Radwag Mass Comparators enables adjusting mass standards and weights according to the OIML recommendations (R-111) from 500 g to 1 kg 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 PSY/KB comprise two components. One of them holds the electronic module, and the other precise mechanical measuring system.







Comparators feature an aesthetic, large weighing chamber with glass draft shield and side and top door. All elements of the weighing chamber are manufactured from glass or metal which minimizes the influence of electrostatic charges on weighing result. Comparator is equipped with user friendly menu.

## Technical data:

### PSY 1/KB

Max capacity	1 kg
Readability	1 mg
Repeatability *	1 mg
Electric compensation range	0 ÷ 1000 g
Supplementary weights	none
Stabilization time	2 s
Adjustment	internal
Power supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V DC / 1,1 A
Pan size	128×128 mm
Weighing unit dimensions	287×212×350 mm
Control unit dimensions	206×140×70 mm
Net weight / Gross weight	6,1kg / 10,1kg
<b>Ambient conditions:</b>	
Working temperatue	+10 °C ÷ +40 °C
Change rate of working temperature	±2 °C / 12 h
Atmospheric humidity	30 % ÷ 70 %
Change rate of atmospheric humidity	±4 % / 12 h

\* 6 cycles ABBA

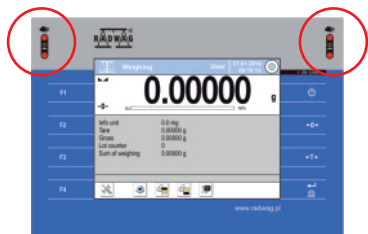
	E1	PSY 1/KB
	E2	
	F1	
	F2	
	M1	
	M2	
	1 mg	
	2 mg	
	5 mg	
	10 mg	
	20 mg	
	50 mg	
	100 mg	
	200 mg	
	500 mg	
	1 g	
	2 g	
	5 g	
	10 g	
	20 g	
	50 g	
	100 g	
	200 g	
	500 g	
	1 kg	
	2 kg	
	5 kg	
	10 kg	
	20 kg	
	50 kg	
	100 kg	
	200 kg	
	500 kg	
	1000 kg	

## 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
- exporting weighing data
- exporting/importing databases and settings



### Communication interface

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