



# RJ-12K-WB Precision Balance: Technical Specifications and Industry Applications

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### Core Technology Behind the RJ Series

At the heart of RJ-12K-WB's operation lies the revolutionary tuning fork sensor technology developed by Shinko Denshi. Imagine a tiny musical instrument inside your weighing device - that's essentially what this 25-year-old innovation achieves. The sensor's quartz crystal structure vibrates at precise frequencies, detecting mass changes with sensitivity that puts most competitors to shame.

### Key Performance Metrics

Maximum capacity: 12kg with 0.1g readability

Repeatability (s): 0.01g - equivalent to 3 grains of table salt

Linearity:  $\pm 0.2g$  across full measurement range

Stability:

Web: <https://www.sphoryzont.edu.pl>