



Pick-by-Balance

Faster and more accurate order picking with pick-monitoring by the vibrating string

"How do I know how many items the picker has actually taken?" The **Pick-by-Balance** method provides an answer to this question.

Pick-by-Balance is a combination of Pick-by-Light and scales with counting function. Each bin location is equipped with a low-cost, but precise and long-term stable balance below the bin.

Pick control due to weight discrepancy

Each pick of an article will immediately be registered by the change in weight.

If the pick volume is correct, the pick will be automatically confirmed, so the picker does not need to press the confirmation button. The shelf display turns off, and the picker can immediately concentrate on the next pick. If the picker picks too many, too few or a wrong article, he is immediately informed by the shelf display (eg red-flashing eye-catching lamp) and, when required, acoustically.

The technology

A patented vibrating wire sensor measures force with the help of a vibrating string. Depending on the resilience of the string (= weight in the storage bin) the frequency of the string changes.

Through a simple teach-in procedure the specific weight for each article can be determined. From this moment, the number of items at the storage space can be monitored quickly and safely.

Safe stock level

The permanent monitoring ensures safe stocks. Nevertheless possibly required inventory operations can be performed directly on the shelf display by the plus and minus keys.

In addition, the process of replenishment is supported by an automatic signal when reaching a minimum level. Thus, this system is also a reliable and affordable alternative to KAN-BAN systems.



Possible applications of Pick-by-Balance

- Low-cost alternative to KAN-BAN systems

Your benefits at a glance

- Always reliable and actual stock levels
- Even faster picking through automatic acknowledgment
- 100% monitoring of the actual amount withdrawn
- Automatic notification of definable minimum stocks

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