

Standardization or customization? How to make monitoring of your filling and batching processes more efficient.

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Efficient and reliable monitoring of weighing and batching processes is a central element of quality assurance. This important role also places high demands on the weighing equipment used: Weighing electronics need to meet ever increasing requirements with respect to accuracy, robustness, and flexibility. With dynamic weighing, the firmware used in filters and algorithms plays a key role.

However, the question is: How efficient is your test instrumentation? Two apparently opposing trends make it difficult for companies to choose the right weighing electronics:

- **Standardization:** There are many good reasons for standardizing weighing electronics. If the equipment used is suited to many different applications, the number of different types of weighing electronics required will be smaller. This results in the following associated benefits: Less effort for training, reduced maintenance of standardized equipment, a smaller number of replacement parts, etc. The use of standard test equipment is a pre-requisite especially with regard to costs.
- **Customization:** Weighing and batching processes are usually different in most companies. Depending on the test piece, environment and measurement task, the monitoring and controlling of weighing processes necessitate a substantial amount of individual adaptation of equipment and software filters. Individualization, however, means higher maintenance effort (software and firmware) and more complex installations, in particular, if servicing is required.

Innovative, universal weighing indicators like the WE2107 offer a practical solution for almost all requirements. In particular, the standard version is ideally suited for installation in a wide variety of applications.

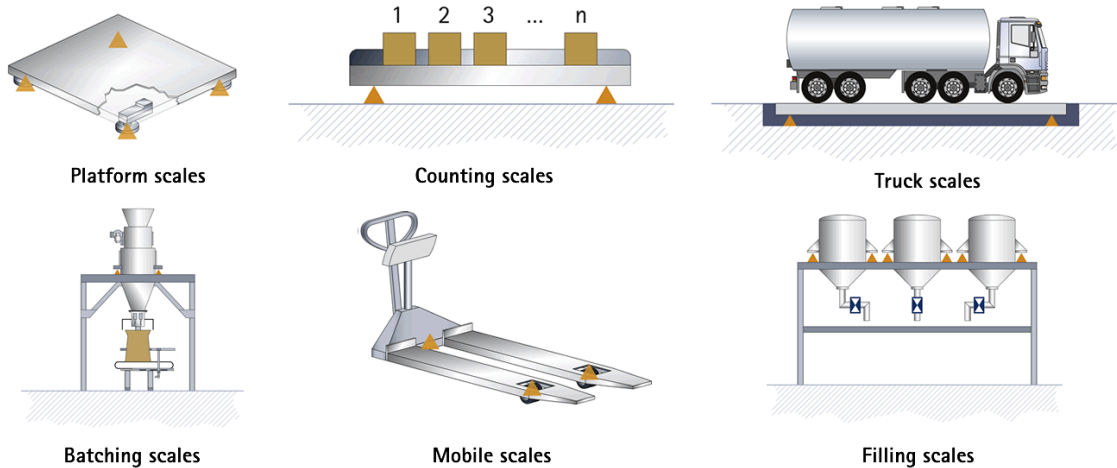


Fig. 1: Variety of weighing applications supported by WE2107

Additionally, WE2107 provides interfaces and a keyboard for easy adaptation to individual weighing and batching processes. The included **Panel** software offers many filter and process options for immediate use.



Fig. 2: The new weighing indicator WE2107M as built-in device for the control cabinet

In short, the WE2107 weighing indicator offers substantially more versatility than conventional weighing electronics, which are often restricted to predetermined applications. In companies where various weighing and batching tasks need to be performed the WE2107 is capable of replacing the many different weighing indicators and electronics that were previously required. This maximizes utilization and compatibility in line with the everyday production needs of a flexible company.



Fig. 3: The new weighing indicator WE2107