

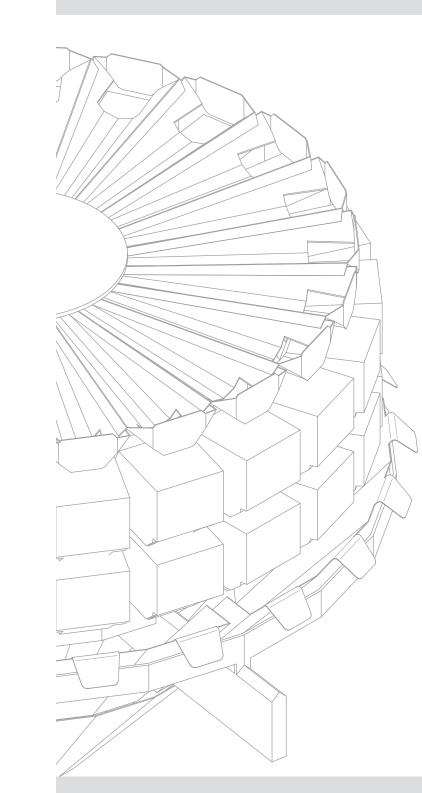
NEW DIGITAL FILTER

The new patented digital filter offers significant benefits:

- Increased weighing system performance due to faster value logging times
- > Weighing system less prone to errors caused, for example, by oscillations of platforms and vibrations of adjacent machines or operator intervention.
- Programmable correction function for dynamic weighing

NEW MEASURING ELEMENT

The complete measuring element, which is the core of the weigher, is produced in-house. **There is no other manufacturer of multihead** weighers on the market that can weigh more accurately and faster than MULTIPOND. At the same time, the measuring element is essentially more robust than that of any other manufacturer. This is the result of decades of development. Here too, the technology has been further optimized for the new J Generation : Newly developed fastening brackets for the measuring element increase the natural frequency and facilitate faster value logging. The amplifier has also been optimized.



HEADQUARTERS AND MANUFACTURING FACILITIES

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ONE STEP AHEAD THE NEW J GENERATION



HYGIENIC DESIGN

The new J-Generation is completely redefining the subject of hygiene. The entire structural design of the machines, from the proprietary hygienic screws to the machine frame to the rating plate, has been revamped and redeveloped down to the finest detail, and now meets the toughest hygiene regulations worldwide.

The avoidance of double surfaces, gaps, dead and hollow spaces is a basis for **quick, safe and simple cleaning**. Exposed threads are securely and tightly sealed with hygienic screws developed in-house specifically for this purpose. All horizontal surfaces are inclined so that water can run off. The inclination angles are dimensioned such that disinfectant, for instance, can act before running-off too quickly. Only materials that are safe for use in the foodstuff industry are employed in production. The plastics used are FDA-approved and comply with all EU regulations. They are detectable and designed in the color blue.



PROTECTION CATEGORY IP69

The new generation of machines is optionally available in protection category IP69. This protection category guarantees a **dust and waterproof machine**. Problem-free, **quick and simple cleaning** by means of a high-pressure cleaner. **MULTIPOND** is the only manufacturer of multihead weighers that achieves this protection category without generating overpressure in the machine.

NEW HYGIENIC DOM CAMERA

The development of the new J Generation included a new DOM camera as an additional option. It delivers images of product distribution on the distribution cone and feed trays. The BDE-14 is able to zoom, swivel and incline the image. The camera is powered via the network cable (PoE) and is also able to deliver images to other machines/computers over company network. Protection category is IP69. Satisfies all hygiene requirements worldwide.





NEW CONTROL AND OPERATING UNIT "BDE-14"

A completely new control and operating unit "BDE-14" makes the new generation a "winner for the operator". New overview pages **simplify operation and control of the weigher**. Thanks to the simplest operator guidance, the induction time for operators is reduced to the absolute minimum. The new technical details include a bright display with large viewing angle and touch panel for intuitive and simple operation. Secure access to various user levels via passwords or, optionally, via integrated RFID is also possible. The new intelligent, adaptive control continuously optimizes weigher behavior for the current product state and the prevailing environmental conditions.

The BDE-14 is optionally available with a special hygienic mounting. It is continuously adjustable, rotates through 360°, satisfies all hygienic requirements and hence very easy to clean. A hygienic, fold-down protective cover for the display is also available for use in critical environments that involve a high risk of mechanical damage.

