

## Mitutoyo Digital Micrometer QuantuMike MD-E Wins Prestigious iF Design Award 2026

**Neuss, Germany** — Mitutoyo is proud to announce that its **QuantuMike MD-E**, a high-speed, high-accuracy digital micrometer, has been selected as a winner of the **iF Design Award 2026** in the Product Design category.

The iF Design Award is one of the most respected international design competitions, evaluated by an independent panel of design experts. Receiving this award highlights Mitutoyo's ongoing commitment to innovation, design excellence, and the continuous development of products that meet evolving customer needs. It recognises not only the technological achievements of the QuantuMike MD-E, but also Mitutoyo's dedication to advancing precision measurement solutions for modern industry.

The QuantuMike MD-E integrates cutting-edge measurement technology with outstanding usability. Its design delivers:

- **High-speed measurement**, with a spindle feed of 2 mm per revolution, four times faster than conventional micrometres, significantly increasing productivity in repetitive inspection tasks.
- **Exceptional precision**, with  $\pm 1 \mu\text{m}$  accuracy, ensuring reliable results in demanding industrial quality control environments.
- **Compliance with the latest metrological standards**, meeting Class 1 specifications according to the EN ISO 3611:2023 standard, ensuring the highest level of measurement reliability and conformity with current international requirements.
- **Enhanced user support features**, including approach speed warnings, calibration schedule alerts, and intuitive display functions for efficient tolerance evaluation.

At the core of the QuantuMike MD-E is its innovative high-speed spindle mechanism, engineered to maintain smooth operation and stable measuring force even at increased feed rates. This allows operators to perform faster measurements without compromising repeatability or accuracy. The advanced mechanical design reduces inspection time while supporting consistent measurement confidence.

The high-resolution digital sensing system ensures precise data capture across the entire measuring range. Combined with a robust and durable frame construction, the instrument is built to withstand intensive daily use in production environments. Its ergonomic form and optimised control layout provide comfortable handling, while the clear digital display improves readability and reduces operator error. In addition, the instrument's metrological performance is designed to comply with the latest EN ISO 3611:2023 requirements, ensuring dependable and standardised measurement results.

The QuantuMike MD-E also supports bidirectional communication, enabling seamless integration into digital quality management systems and modern manufacturing workflows. This connectivity enhances traceability and supports data-driven production processes.

Engineered for industries where speed and accuracy are essential, including aerospace, automotive, medical technology, and general manufacturing, the QuantuMike MD-E is designed for professionals who demand reliable measurement tools that combine performance, durability, and ease of use.

This award highlights Mitutoyo's continuous efforts to advance precision metrology and support the evolving requirements of industrial measurement.