

# MASTERBALL CALIBRATION

Trust Mitutoyo to calibrate this indispensable component of accurate CMM measurement.



x1000000(0.01µm/cm)  
Parameter L50  
Roundness-R  
Extracted line  
Roundness-Overl

Roundness-R  
0.0415µm  
Z-Pos  
45.15

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It is a fact that calibration artefacts do change dimension over time and the masterball that is used every day on every CMM is no exception.

The change is slow and small but it is vital that you, and your customers, have absolute confidence in the measurements made by your CMMs and therefore regular calibration directly related to the national standard of length is essential.

Mitutoyo can perform this essential service for you in a timely and cost-effective manner, using the latest and most accurate calibration equipment to help ensure that measurements made by your CMMs are of the highest quality attainable.



## Features and Benefits

- A highly cost-effective and timely service is provided by our accredited calibration laboratory.
- Highest accuracy calibration of masterball form and size from the leading dimensional metrology equipment vendor.
- Can be promoted to customers as evidence of your commitment to quality.
- Ensures maximum confidence in your CMM measurements.
- The 20 mm ceramic masterball is most commonly dealt with but many other sizes in the usual materials can be handled.\*
- A 20 mm ceramic masterball can be loaned by Mitutoyo until yours is returned.

\* Please contact the calibration laboratory who will be able to advise in any particular case.



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