

CMM with Infinite Positioning Probe-Head MiSTAR555/CRYSTA-Apex V PH20 System



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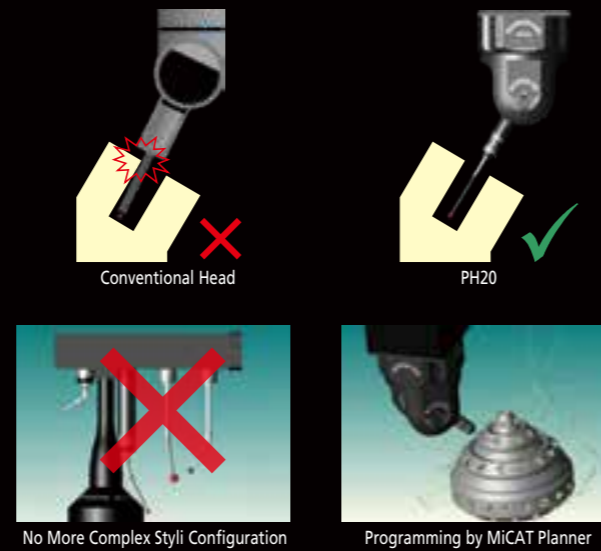
Easy Approach at Any Angle Operability and Versatility provide Measurements never experienced



New Proposal by 4 Features

1 No More Concern on Probes

- PH20's infinite positioning can
- measure a deep narrow diagonal hole.
 - eliminate negative factors using styli with knuckle-joint.
 - support easy programming for complex features.
- MiCAT Planner can automatically create the optimal probe orientation.



2 Reduce Cost for Fixtures

PH20 automatically aligns itself with the part coordinate system and thus accurate and expensive fixtures are no longer necessary.



3 Increase Throughput

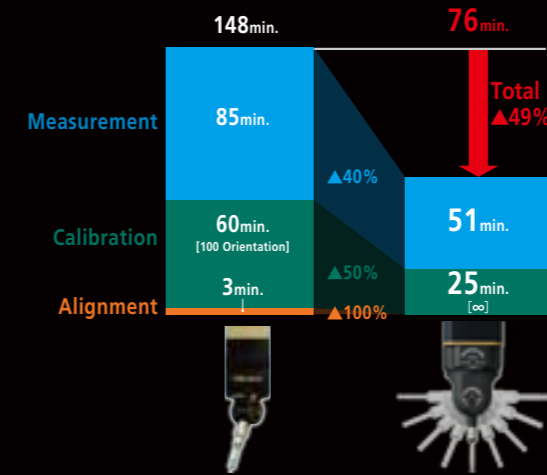
40% less time spent with 5-axis simultaneous motion and the multipoints measurement without head position movement (Head Touches*).

*Head Touches = Measurement moving only head



4 Shorten Time for Preparation

- A single operation of calibration allows measurement at any head angle, which provides
- Shorter calibration time
 - Easy management of multiple parts (No more respective calibration)





**Whatever your challenges are,
Mitutoyo supports you from start to finish.**

Mitutoyo is not only a manufacturer of top quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



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