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Introducing the New Renishaw PH20 Head



What is the PH20?

The 5-axis technology pioneered by the award-winning REVO® is now available for touch-trigger applications on all sizes of CMM.

Dramatic impact on inspection timescales, costs, capability and flexibility...

- Increased throughput
- Infinite positioning
- Faster calibration
- Improved metrology
- Integral TP20 probe
- Available on new CMMs, or as a retrofit



PH20 5-axis touch-trigger system

Key benefits

- Infinite positioning capability guarantees optimal feature access, minimising stylus changes
- 5-axis simultaneous motion allows larger parts to be measured on the CMM by minimizing the space required around the part for head rotation
- PH20 automatically aligns itself with the part co-ordinate system, avoiding stylus collisions and the requirement for accurate fixtures

Key features

- Repeatability is improved when 'head touch' method is used
- Accuracy improved by using feature orientation based calibration and head touches
- Pre-travel variation is automatically compensated

