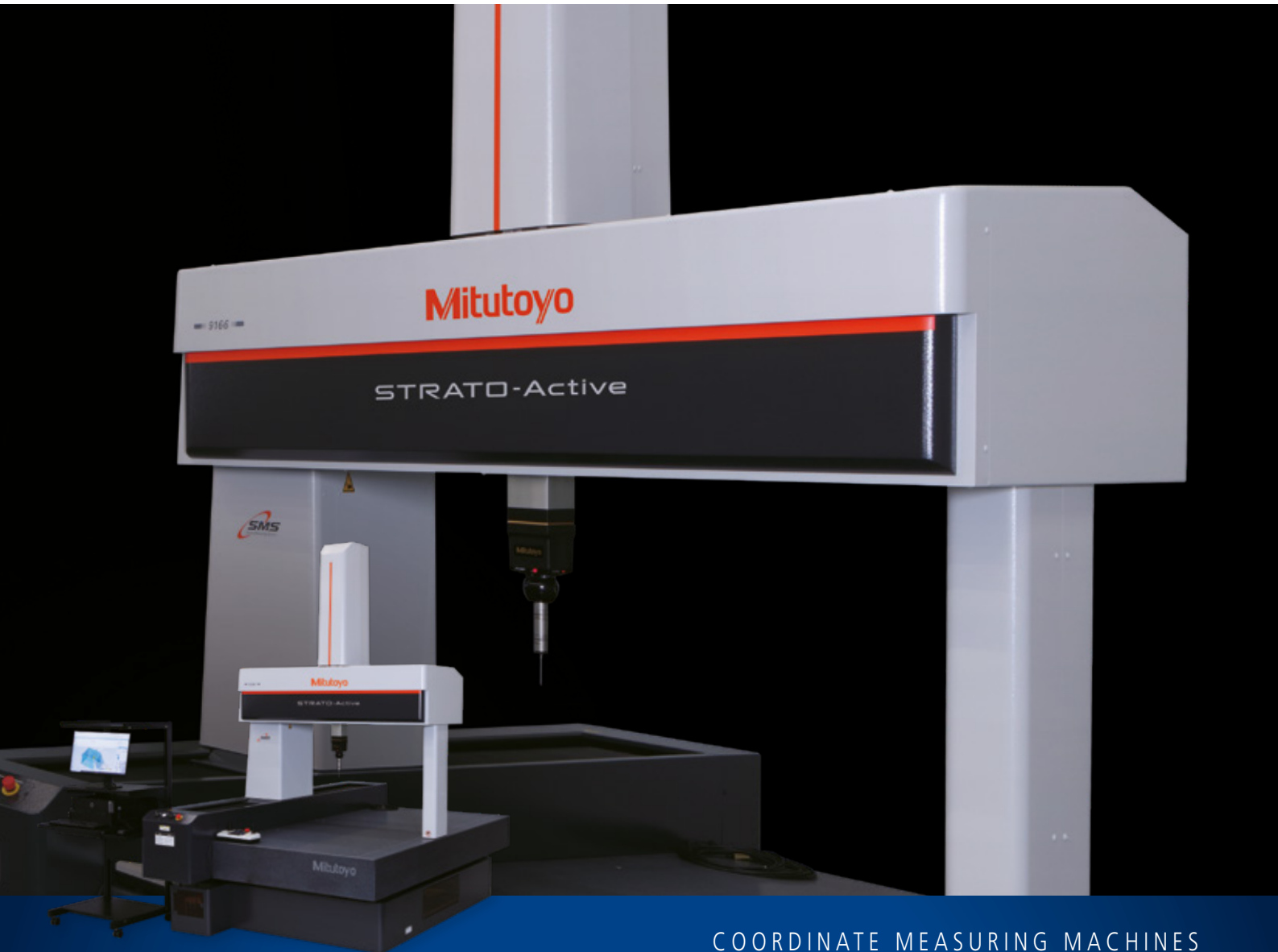


High Accuracy CNC Coordinate Measuring Machine
STRATO-Active Series



COORDINATE MEASURING MACHINES



STRATO-Active

The bridge type CNC CMM offers both high-performance and cost-effective measurements.

- Achieves high accuracy of $(1.2+3L/1000) \mu\text{m}$.
- High-speed measurement.
- Suitable for measuring medium-sized workpieces accurately.
- Thermal compensation is equipped as standard.



High Accuracy

Cost Effective

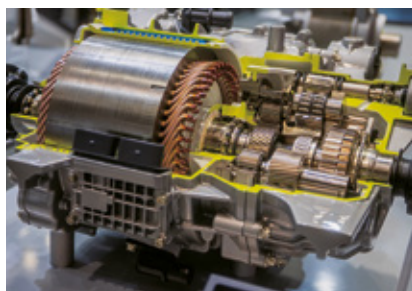
High Performance

Applications

Capable of measuring high-precision parts effectively.

Automotive industry

- E-drive units for EV and FCV



Semiconductor industry

- Semiconductor manufacturing equipment



Medical industry

- Surgical robotic systems



Specifications

| Model | | STRATO-Active 776 | STRATO-Active 7106 | STRATO-Active 9106 | STRATO-Active 9166 |
|-----------------|--------|-------------------|--------------------|--------------------|--------------------|
| Measuring range | X axis | 700 mm | | 900 mm | |
| | Y axis | 700 mm | 1000 mm | 1000 mm | 1600 mm |
| | Z axis | 600 mm | | | |

Accuracy*

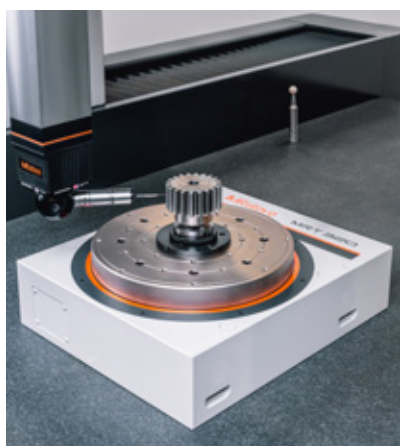
Unit: μm

| Series | Probe used | Length measurement error* ¹ ISO 10360-2:2009 |
|----------------|------------|---|
| 700/900 Series | SP25M | $E_0, \text{MPE} = 1.2 + 3L/1000^{*2}$ |

*1 Specifications vary by configuration, size and thermal environment

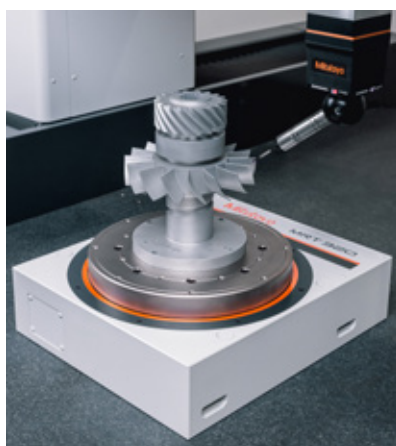
*2 L = Measuring length (unit: mm)

Gear measurement with STRATO Active and MRT320



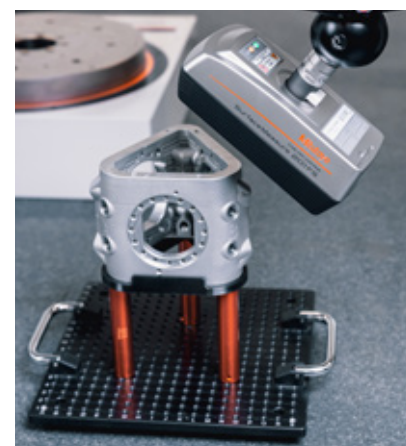
Software: GEARPAK Express, MCOSMOS
Probe System: PH10MQ, SP25
Work piece: Spur Gears Made from Stainless Steel, with One-Sided Hub, Module 4, Tooth Width 40mm

4-axis nominal Scanning of a turbine blade surface



Software: MCOSMOS
Probe System: PH10MQ, SP25
Work piece: Mitutoyo Demo piece

Laser scanning with SurfaceMeasure 201FS



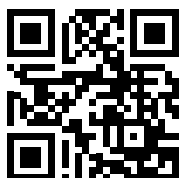
Software: MSURF, MCOSMOS
Probe System: PH10MQ, SM201FS
Work piece: Robo2Go head from DMG MORI



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 measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



Find additional product literature and our complete catalog here.

www.mitutoyo.eu



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