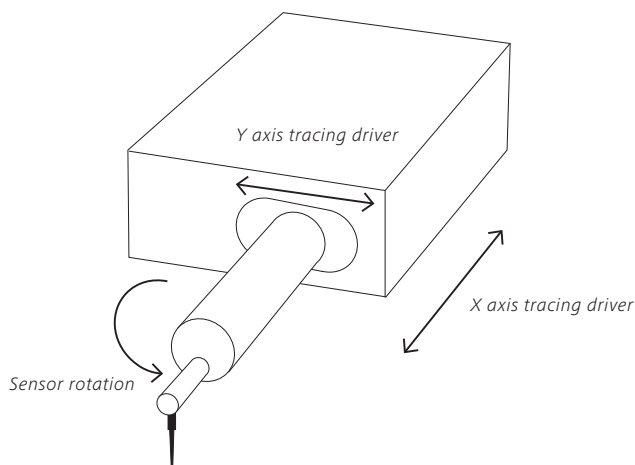


SURFCOM C5

Fully automatic roughness measuring on motor components and shafts

SURFCOM C5

- Ideal for the automated surface measurement of engine components such as cylinder blocks and cylinder heads
- Designed for quality assurance in volume production
- Increased productivity through fully automatic shop floor surface measurement
- Highly flexible: the instrument's design is perfect for connections with component-specific equipment
- Faster, more reliable and more economical thanks to fully automated surface measurement
- Best reachability of the measuring site through 5 CNC axes
- Short setup times through integrated patented Y tracing driver in the X axis
- Measurements in all directions using the integrated rotation sensor
- Considerably faster, less maintenance and fewer vibrations than standard systems thanks to its patented non-contact linear drive (X axis)
- High positioning speeds of 100 mm/s for high measuring efficiency, even on large components
- Extensive patented safety concept – for maximum operator and machine safety



The SURFCOM C5 Type S: with additional rotary axis for measuring crankshafts and cam shafts



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Technical data summary

Measuring range/resolution (Z axis)	500 mm/0.1 μ m
Measuring range/resolution (X axis)	200 mm/0.1 μ m
Measuring range/resolution (Y axis)	800 mm/0.1 μ m
Measuring range/resolution (Y transverse tracing driver)	30 mm/0.1 μ m
Positioning speed	100 mm/s
Measuring speed	0.03–20 mm/s

Additional instrument configurations upon request