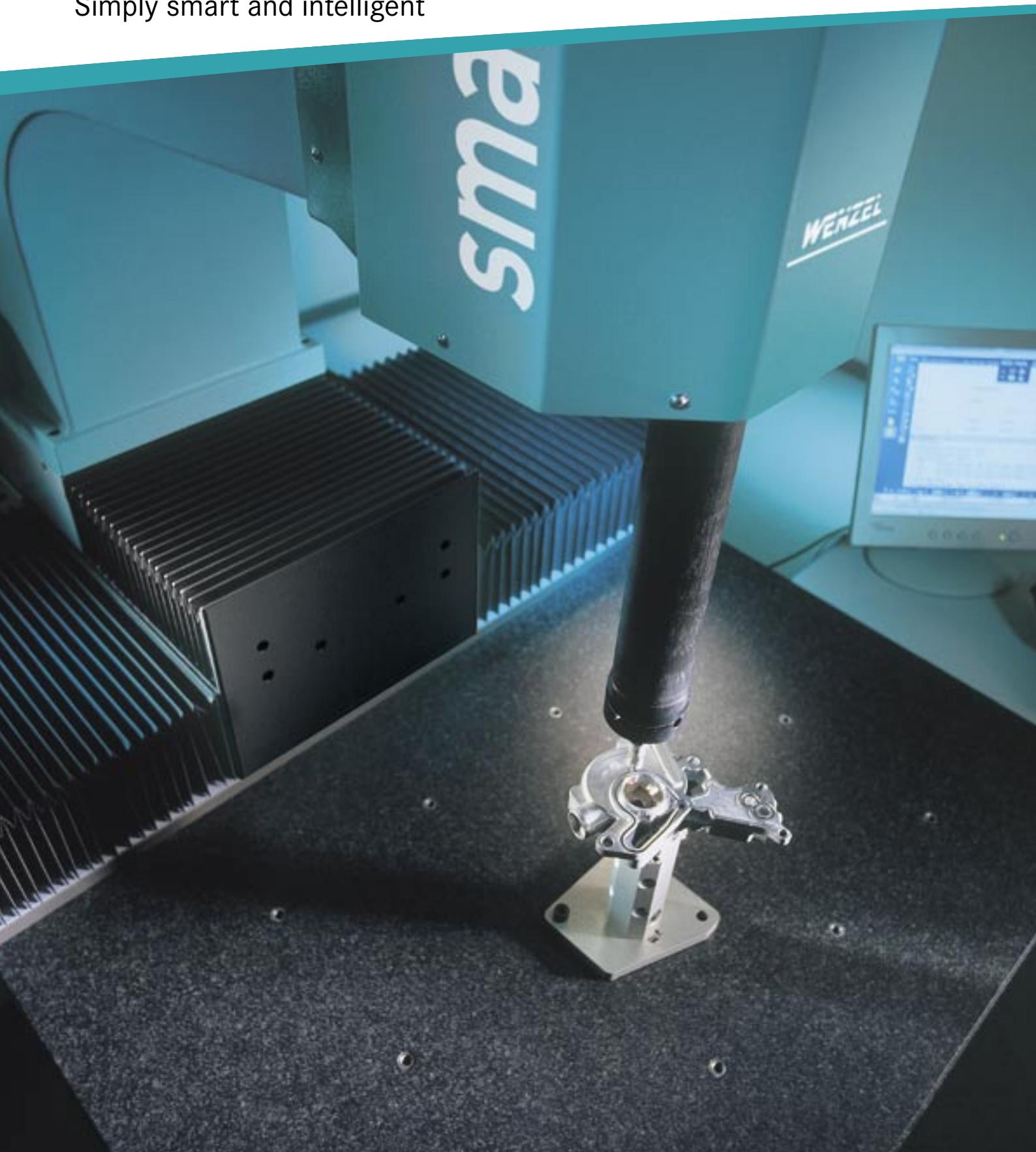


## Smart CMM

Simply smart and intelligent



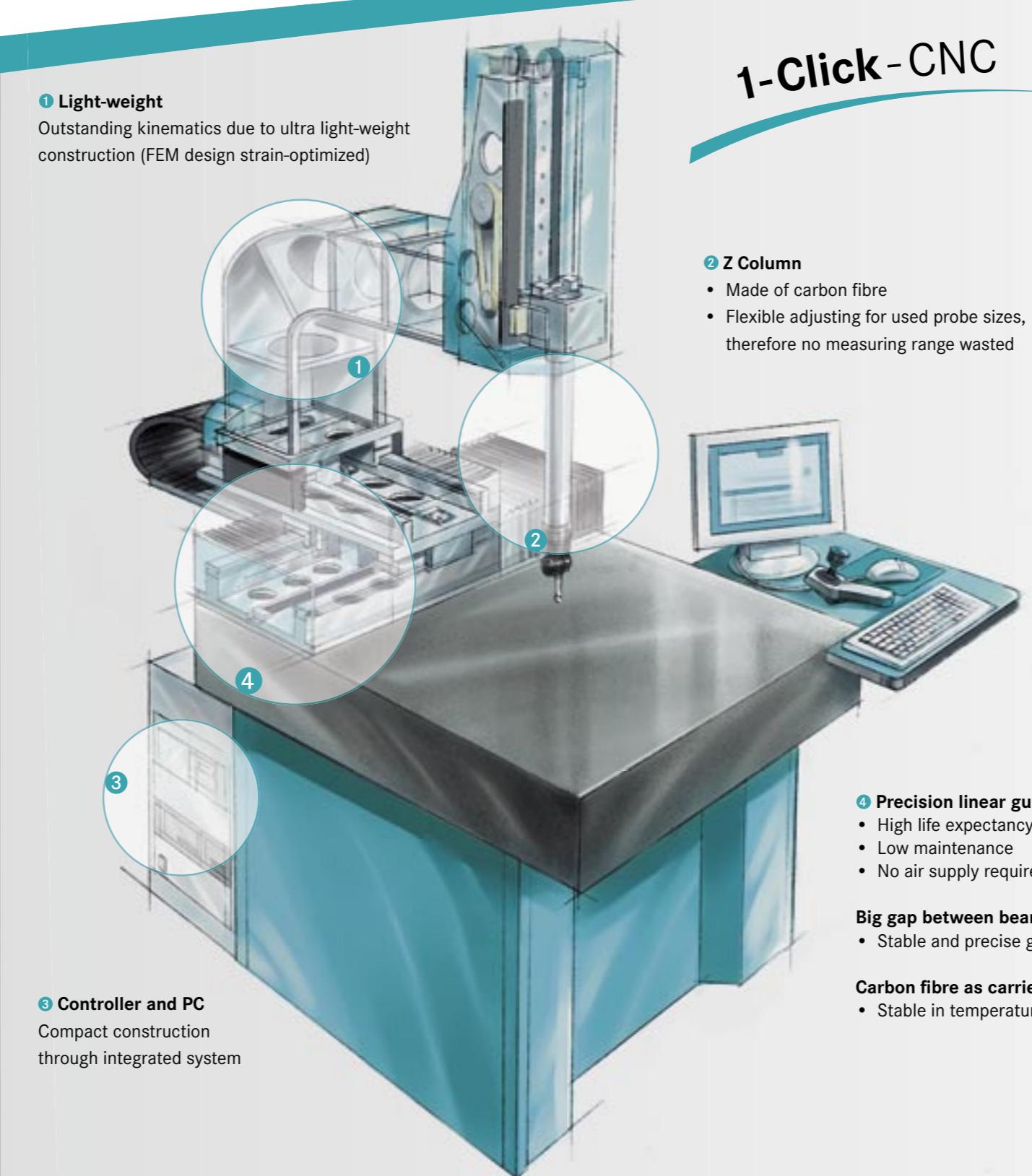
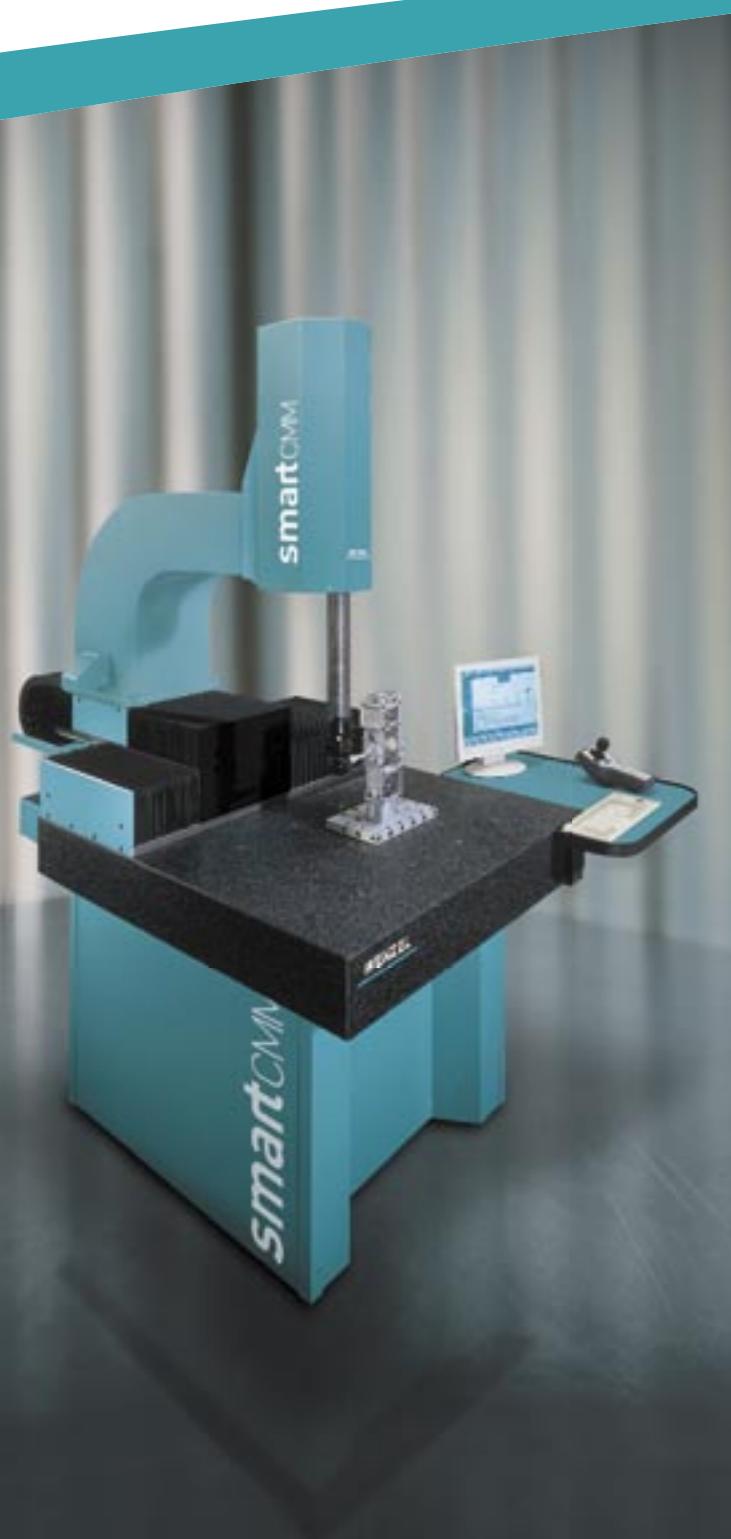
## Smart CMM

# Ergonomic, fast, compact

A small revolution in coordinate metrology – made by Wenzel.

- Shop-floor 3-D measuring device for measuring small and medium-sized components
- Intelligent and compact design for a large application range
- All guideways protected/enclosed for use even in rough environments

- Only an electricity outlet required (no air bearing)
- The measuring volume is freely accessible from 3 sides
- Flexible use through high temperature tolerance



### ① Light-weight

Outstanding kinematics due to ultra light-weight construction (FEM design strain-optimized)

### ② Z Column

- Made of carbon fibre
- Flexible adjusting for used probe sizes, therefore no measuring range wasted

### ③ Controller and PC

Compact construction through integrated system

### ④ Precision linear guideways

- High life expectancy
- Low maintenance
- No air supply required

### Big gap between bearings

- Stable and precise guideways

### Carbon fibre as carrier material

- Stable in temperature

The optimized software solution

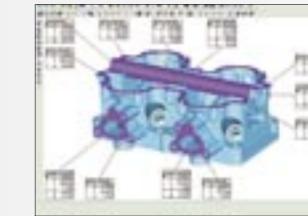
# Measuring under Control

Our user-orientated software solution

- Ergonomic, graphic user surface
- Simple and clear instructions for use
- 1-Click-CNC-Measuring through speed loading window



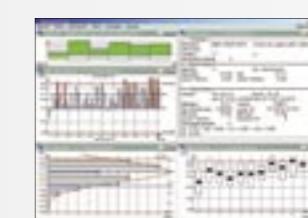
Click 'n Measure  
Measuring automatism  
incl. of collision check



Graphic measuring  
protocol with configurable  
point boxes



Automatic call of meas-  
uring programs through  
speed loading window



Freely configurable statistics:  
Overview, trend diagrams,  
rule cards, histograms, pro-  
cess capability and more

### Technical characteristics

mm

X	Y	Z
500	450	400

Measuring uncertainty according to  
DIN EN ISO 10360-2

Temperature range 16-28°C, max 2°/h

MPEP [µm]: 4,5 + L/250 (L in mm)

Temperature range 18-22°C, max 1°/h

MPEP [µm]: 3,5 + L/300 (L in mm)

**Kinematic:**

vmax 650 mm/s

amax 2000 mm/s<sup>2</sup>

We are there for you

## WENZEL worldwide

Today WENZEL is the world's largest and most successful family-owned company in the area of coordinate measuring technology.

With branches in Switzerland, France, England, the Netherlands, USA and Brasil, Sales and Service partners take care of WENZEL

customers in over 50 countries around the globe. A global player employing more than 300 people worldwide and delivering more than 400 precision measuring machines every year – and growing.

Never a dull moment: We constantly push our global activities with long-term strategic orientation – whatever we do, we do it right, typical WENZEL ...

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DIN EN ISO 9001, VDA 6.4



Innovative middle-size companies