



# ZEISS SPECTRUM Family

Upgrade to trusted measuring results



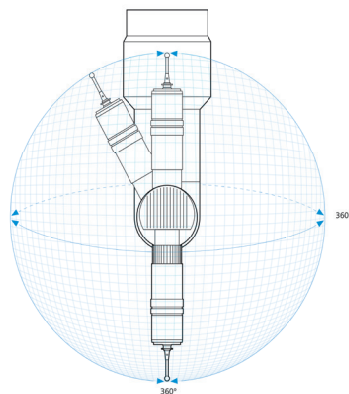
# ZEISS SPECTRUM

## Key Characteristics

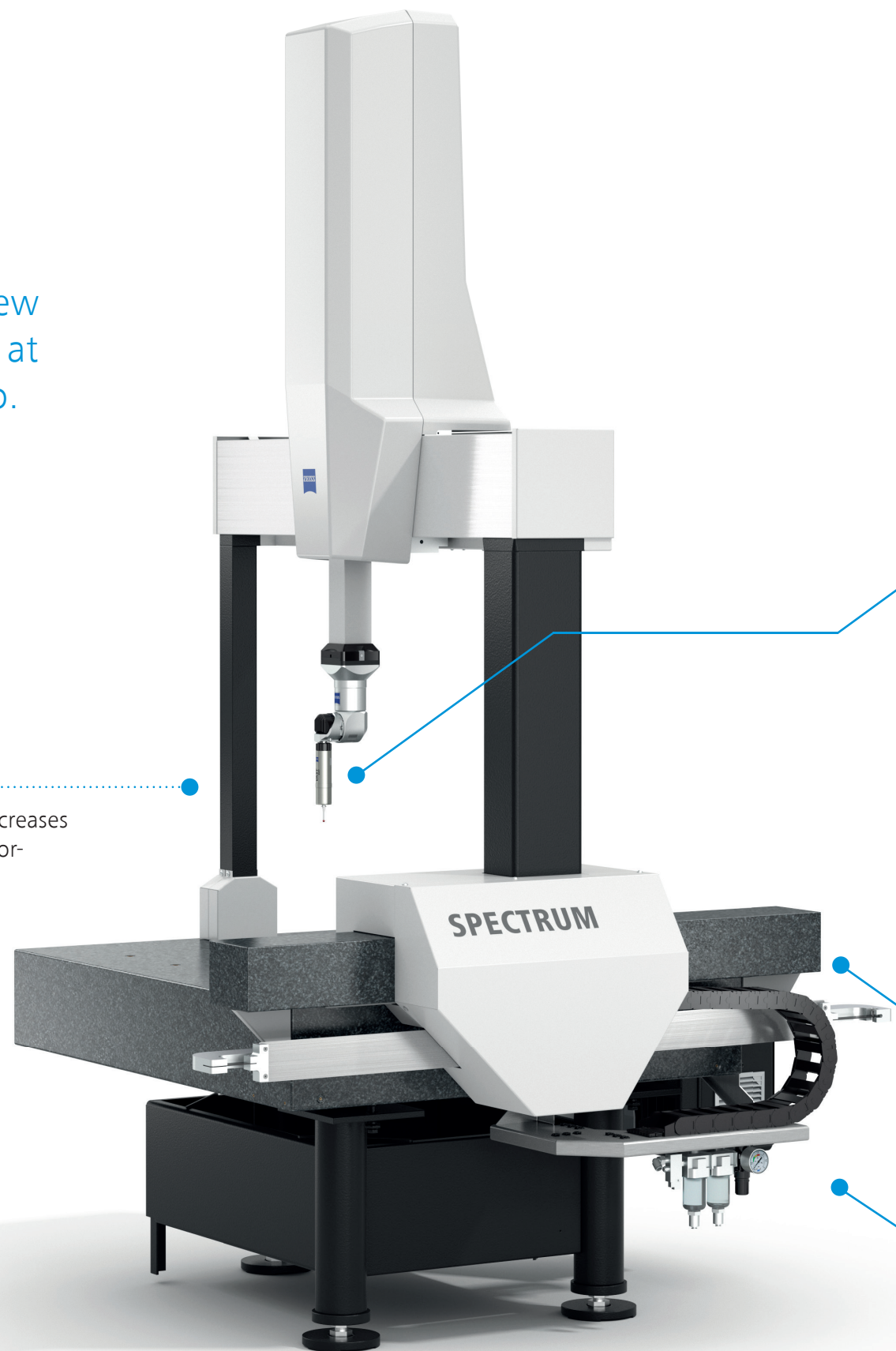
With the ZEISS SPECTRUM coordinate measuring machine you will enter a new level of precision and trusted results – at an unmatched price-performance ratio.

### Unmatched scanning technology

The combination of ZEISS VAST XXT and ZEISS RDS C5 CAA increases the reliability and reduces operation time of measurements enormously. It also enables a wide range of measurement tasks.



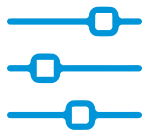
5 degree  
5,184 possible angles



### Tailored for your application

#### Flexibility via three different sensors

ZEISS direct XDT  
ZEISS direct VAST XXT  
ZEISS RDS C5 CAA VAST XXT  
Covered by five sizes



### Better data quality

#### with ZEISS VAST XXT

Form measurement error for roundness with a RONT of 1.8 µm for 5/5/6



### Get a great value

#### Highest quality from leading technology

with a  $MPE_{E0}$  of 1.9+L/250 µm for 5/5/6



### Cost effectiveness

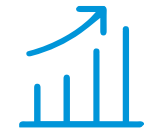
#### Get the fastest qualification time in class

ZEISS RDS C5 including CAA allows a qualified system of all 5,184 possible angles in approx. 12 minutes.



### Reliability

Patented floating mounted glass ceramic scales for eliminating the temperature scale deflection, meaning temperature sensors are not required.



### Small footprint

Backpack controller, as well as passive damping system and earthquake protection.





# ZEISS SPECTRUM plus

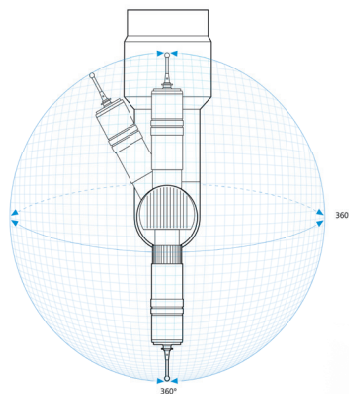
## Key Characteristics

ZEISS SPECTRUM plus opens the world of active scanning. The coordinate measuring machine offers more reliability, stability, capability and flexibility.

### ZEISS VAST XT gold: Entering the world of active scanning

ZEISS VAST XT gold provides the foundation for entry into the world of active scanning technology. The sensor features an additional measuring system. Besides the active scanning, this sensor also allows single-point measurements: the sensor enables the flexible use of complex stylus systems.

ZEISS SPECTRUM plus is also available with ZEISS RDS C CAA including VAST XXT.



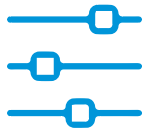
2.5 degree  
20,736 possible angles



### Tailored for your application

#### Flexibility via different sensor options

ZEISS direct VAST XXT  
ZEISS RDS C CAA including VAST XXT  
ZEISS VAST XT gold  
Covered by five sizes



### Get more performance with ZEISS VAST XT gold

Form measurement error for roundness with a RONT of 1.8  $\mu\text{m}$  for 5/5/6



### Get the best value in this class

Highest quality from leading technology with a  $\text{MPE}_{\text{E0}}$  of 1.8+L/300  $\mu\text{m}$  for 5/5/6



### Get faster

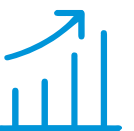
#### More possibilities - fastest qualification

ZEISS RDS C including CAA allows a qualified system of all 20,736 possible angles in approx. 12 minutes.



### Reliability

Patented floating mounted glass ceramic scales for eliminating the temperature scale deflection, meaning temperature sensors are not required.




### Small footprint

Backpack controller, as well as passive damping system and earthquake protection.



# ZEISS SPECTRUM


Sensors and Sizes



For fast & easy measurement

**ZEISS SPECTRUM  
with ZEISS direct XDT**  
Single Point Measurement


Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6



For higher data quality

**ZEISS SPECTRUM  
with ZEISS direct VAST XXT**  
Scanning Technology

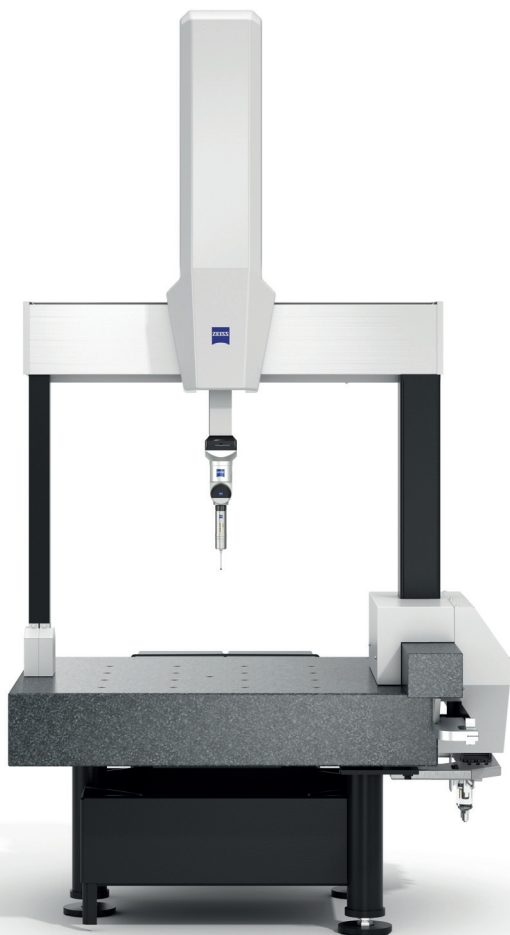
Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6



For complex parts


**ZEISS SPECTRUM  
with ZEISS RDS C5 CAA  
including ZEISS VAST XXT**  
Scanning Technology with  
articulating probe and CAA  
(Computer Aided Accuracy)  
for faster operating time

Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6



# ZEISS SPECTRUM plus


Sensors and Sizes



For higher data quality

**ZEISS SPECTRUM plus  
with ZEISS direct VAST XXT**  
Scanning Technology


Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6



For even more angular positions

**ZEISS SPECTRUM plus  
with ZEISS RDS C CAA  
including ZEISS VAST XXT**  
Scanning Technology with  
articulating probe and CAA  
(Computer Aided Accuracy)  
for faster operating time

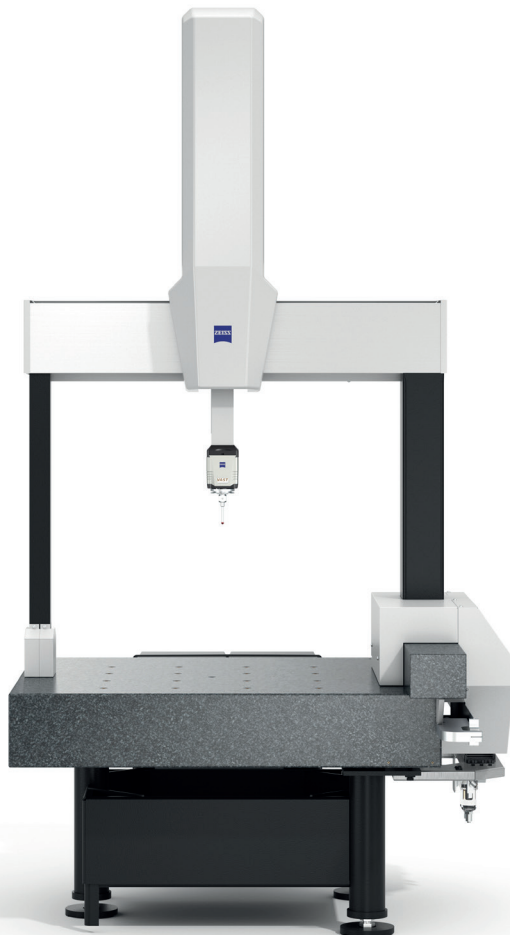
Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6



For active scanning

**ZEISS SPECTRUM plus  
with ZEISS VAST XT gold**  
Active scanning &  
single point measurement

Sizes:  
5/5/6  
7/7/6  
7/10/6  
10/12/6  
10/16/6





## Connect to Productivity

100 years is just the start

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