ZEISS SPECTRUM Family

Upgrade to trusted measuring results

[ZEISS logo] Seeing beyond
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.

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_E 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
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.

5 degree
5,184 possible angles
ZEISS SPECTRUM plus opens the world of active scanning. The coordinate measuring machine offers more reliability, stability, capability and flexibility.

**Key Characteristics**

**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 faster**
- More possibilities - fastest qualification
- ZEISS RDS C including CAA allows a qualified system of all 20,736 possible angles in approx. 12 minutes.

**Get the best value in this class**
- Highest quality from leading technology with a MPEₚ of 1.8 µm for 5/5/6

**Get more performance**
- with ZEISS VAST XT gold
- Form measurement error for roundness with a RONₜ of 1.8 µm for 5/5/6

**Reliability**
- 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.
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

---

For active scanning

**ZEISS SPECTRUM**
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

---

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