

# WENZEL exaCT® S

THE COMPACT DESKTOP CT SERIES



NON-DESTRUCTIVE  
**MEASURING & TESTING**

# WENZEL exaCT® S SERIES

## NON-DESTRUCTIVE MEASURING & TESTING

The compact desktop CT exaCT S is the ideal solution for volume measurement of small components. It fits on any desk and offers maximum performance in the smallest space. The high resolution enables detailed evaluations of even the smallest components, ranging from micro-measurement to micro-material testing.

The exaCT S in compact design and sophisticated ergonomics combines performance and flexibility in the smallest space. The maintenance-free radiation source ensures low operating costs with high reliability.

### APPLICATIONS

The exaCT S is the first choice for measuring and testing components with low material densities. Despite its compact system size, the system offers a measuring volume of up to 46 mm in height and 83 mm in diameter. The exaCT S is particularly suitable for non-destructive testing (NDT) of plastics, composites and multi-materials.



#### Connectors



Non-Destructive Testing (NDT)

#### Hearing aid



Assembly inspection

#### Insert ring



Metrology



## FEATURES

- **Space-saving table installation**  
Integration of electronics and control in a compact system | No need for a separate control cabinet | Perfectly thought-out work ergonomics
- **Best performance through high efficiency**  
Optimized ratio of measuring volume to floor space | Efficient scanning and reconstruction processes | Suitable for workshops
- **One scan, maximum time saving**  
Measurement with virtual CMM | NDT and error analysis | Microstructure analysis
- **Flexible 'Plug and Play' solution**  
Micro metrology | Software for all applications | Quick set-up of workpieces
- **Low operating costs**  
Maintenance-free radiation source | Precision mechanics for higher availability | Longer calibration intervals

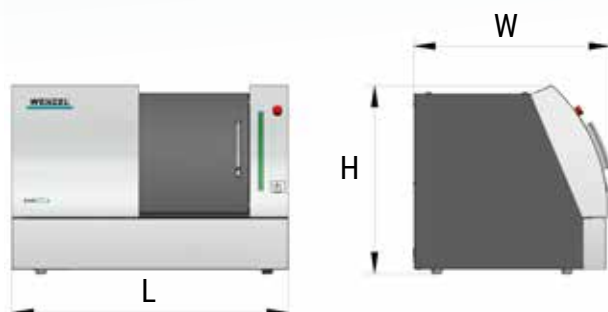
## MACHINE PROFILE

### exaCT S 80

Space Requirements (L x W x H)	890 x 635 x 605 mm
X-Ray (Voltage, Power)	80 kV, 40 W
Detector Matrix, Pixel Size	1000 x 690 Pixel, 100 µm
Detector Matrix, Pixel Size	Ø 83 / H 46 mm*
Device weight	380 kg

### exaCT S 130

Space Requirements (L x W x H)	890 x 635 x 605 mm
X-Ray (Voltage, Power)	130 kV, 39 W
Detector Matrix, Pixel Size	2300 x 1300 Pixel, 50 µm
Detector Matrix, Pixel Size	Ø 83 / H 46 mm*
Device weight	380 kg

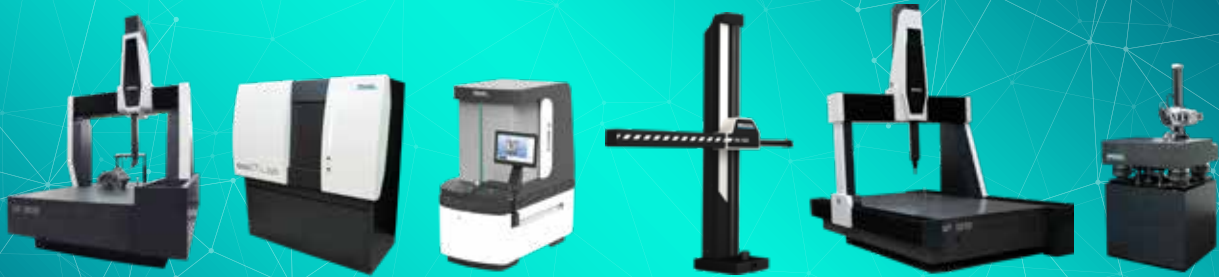


\* The measurable height depends on the component diameter.

## INNOVATION MEETS TRADITION

The WENZEL Group is a market leader in innovative Metrology. WENZEL offers a comprehensive product portfolio in the fields of Coordinate Metrology, Computed Tomography and Optical High Speed Scanning. The technology of WENZEL is used in all industries, including the automotive sector, aeronautics, power generation and

medicine. WENZEL looks at today on an installed base of more than 10,000 machines worldwide. Subsidiaries and agencies in more than 50 countries support sales and provide after-sales service for our customers. The WENZEL Group today employs more than 600 people.



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We are there for you worldwide. You can find our subsidiaries, sales and service partners at **[www.wenzel-group.com](http://www.wenzel-group.com)**.

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