

HeiDetect ValuCT

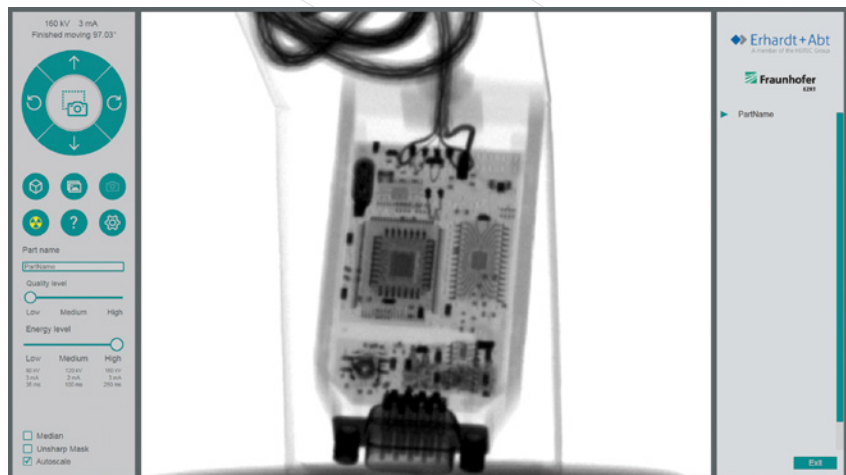
The low cost introduction to
industrial computed tomography

EASY HANDLING – COMPLETE FUNCTIONALITY

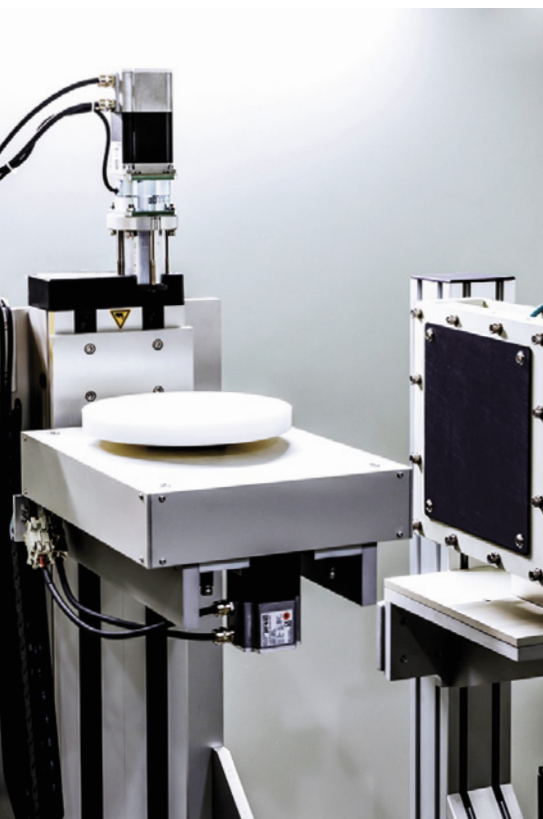
The **HeiDetect ValuCT** computed tomography system is the ideal entry-level device for creating 3D models for initial sampling and in-process inspection. Thanks to its easy handling, it offers quick introduction to industrial computed tomography without much prior knowledge required. An optimal individual adjustment to different requirements is ensured through its flexible software interface.

Software

The Voxel 10 reconstruction software and the Volume Player Plus visualisation software are tried and proven developments of the Fraunhofer Development Centre X-ray Technology EZRT, the development partner from Erhardt + Abt. Voxel 10 allows quick scanning results without complicated training thanks to the innovative user interface.



HMI screen (exemplary)



Your advantages

- Low cost CT system for the creation of 3D models for initial sampling and in-process inspection
- Simple operation – no higher CT knowledge required
- Efficiency through 3D CT scan in a short time with an innovative user interface
- All-in-one system – 3D scan, reconstruction and evaluation
- Flexible software interface – can be individually adjusted to your requirements
- Low-maintenance complete system with enclosed radiation shielded cabin
- Scan parameters can be individually adjusted to your workpieces



TECHNICAL DATA

X-ray source

ValuCT

Model	VJ IXS 1650	
Voltage	max. 160 kV	
Output	max. 500 W	
Focal	0.8 mm (IEC60336)	

Detector

Type	Varian 1313 DX	Varian 2020 DXV
Active surface	130 x 130 mm	200 x 200 mm
Pixel size	127 μm	194 μm
Pixel number	1024 x 1024	
Contrast range	16 bit	

Workpiece

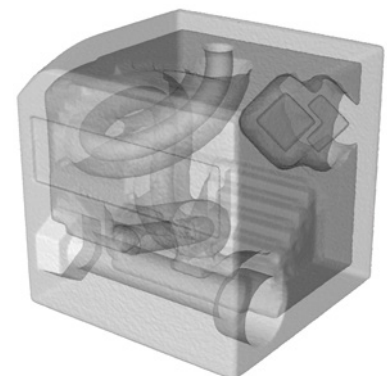
Component size max.	110 x 500 mm	170 x 500 mm
Weight	up to 10 kg	

Test system

Length	2,000 mm	
Width	1,300 mm	
Height	1,800 mm	
Weight	2,200 kg	



CT scan of a cast aluminium workpiece
Pore and cavity detection



CT scan of a plastic workpiece
Structure and composition

CONTACT ADDRESS EUROPE



FX Solution GmbH
Hauptstr. 56
72469 Meßstetten | Germany
Phone: +49 7431 3060041
info@f-x-solution.com
www.f-x-solution.com

CONTACT ADDRESS NORTH AND SOUTH AMERICA, ASIA



North and South America:
VJ Group (Corporate Headquarters)
89 Carlough Road, Bohemia, NY 11716 USA
Phone: +1 631 589 8800
info@vjt.com

Asia:
VJ Technologies China (Suzhou) Co., Ltd
Unit 27-D, Suchun Industrial Square, 428 Xinglong St.
SIP, Suzhou, Jiangsu, China
Postcode: 215126
Phone: +86 512 62831283

HEITEC AG
Güterbahnhofstraße 5
91052 Erlangen | Germany
Phone: +49 9131 877-0 | Fax: +49 9131 877-199
info@heitec.de | www.heitec.de

Erhardt + Abt
Automatisierungstechnik GmbH
Hauptstraße 49 | 73329 Kuchen | Germany
Phone: +49 7331 3046-0 | Fax: +49 7331 3046-11
info@erhardt-abt.de | www.erhardt-abt.de