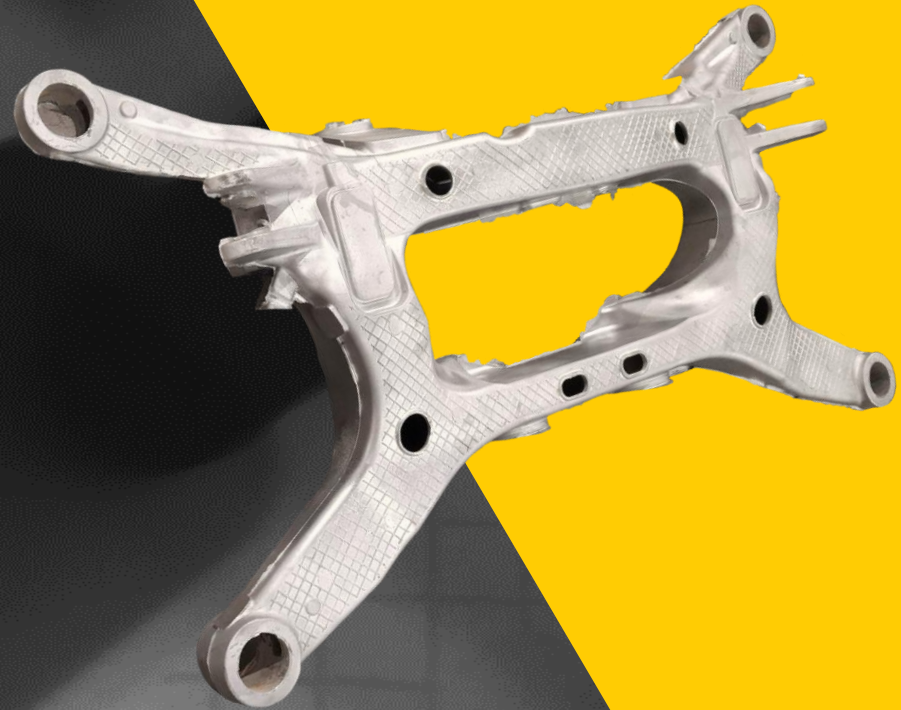


Automatic Casting Inspection - the Universal Allrounder

XC07-1200

Doc.: Product Info Sheet XC07-1200 Rev00



THE X-RAY SOLUTION



by Christoph Grohmann

Automatic Casting Inspection

No matter, if your parts are small, middle or large sized, no matter, if your parts are for cars, trucks or motorcycles -

THIS XC07-1200 HANDLES ALL.

The systems concept allows endless inspection tasks from small to large parts, with automatic or manual routing and optionally with CT:

It's called our **UNIVERSAL ALLROUNDER.**

XC07-1200

Doc.: Product Info Sheet XC07-1200 Rev00

Parts Parameters

- ✓ Casting part height up to 1200 mm
- ✓ Part diameter max. 800 mm
- ✓ Part weight max. 120 kg
- ✓ Max. material thickness 120 mm



XC07-1200 is designed for offline processed manually or fully automated inspection of aluminium parts. The system reaches its high level of functionality while being compact with a small footprint. The combined features make **XC07-1200** a unique inspection system accepted by quality standards of car manufacturers worldwide.

THE X-RAY SOLUTION

by Christoph Grohmann

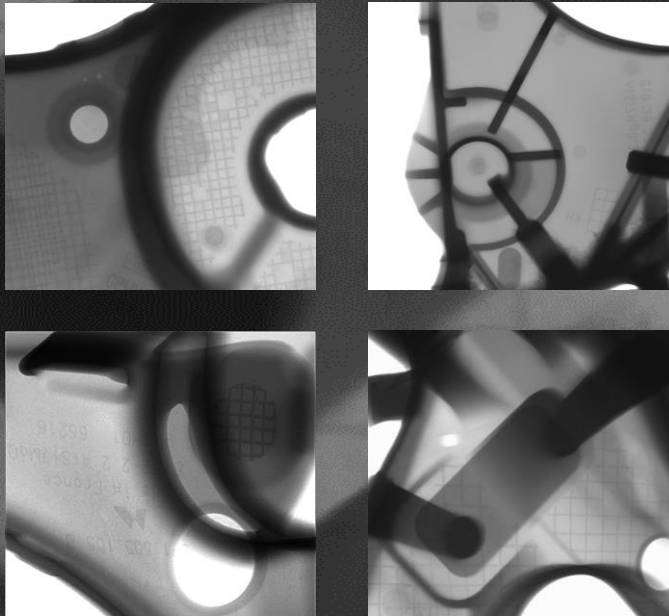


Automatic Casting Inspection

Thanks to its C-Frame technology with tilting, Z- and X-axis combined with the rotation table, equipped with Y-axis movement, **XC07-1200** reaches all necessary inspection areas without any dead-zones. High performed fully controlled servo axes makes it one of the fastest offline casting inspection.

XC07-1200

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THE X-RAY SOLUTION

by Christoph Grohmann



Automatic Casting Inspection

Based on integrated automatic type recognition, **XC07-1200** can be used for different casting parts without any delays. When production changes to a different product, the product specific inlet plate can be replaced within extremely short time.

Easy manual loading/unloading by telescopic table drive. The motor driven door gives excellent view during teach-in and regular operation thanks to its wide windows. Integrated touch-pads allow real-time manipulation of all axis during teach-in and regular operation.

XC07-1200

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THE X-RAY SOLUTION

by Christoph Grohmann



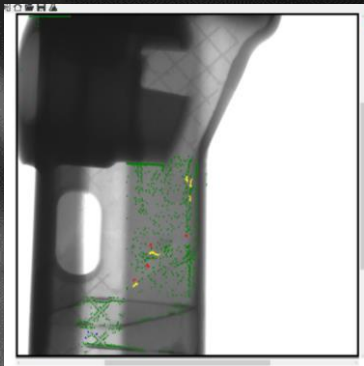
Automatic Casting Inspection

ADR Software

The user interface of the ADR software is structured very straightforward, and a lot of visual tools support the user setting of a specific inspection program within short time and in an intuitive and easy to learn fashion.

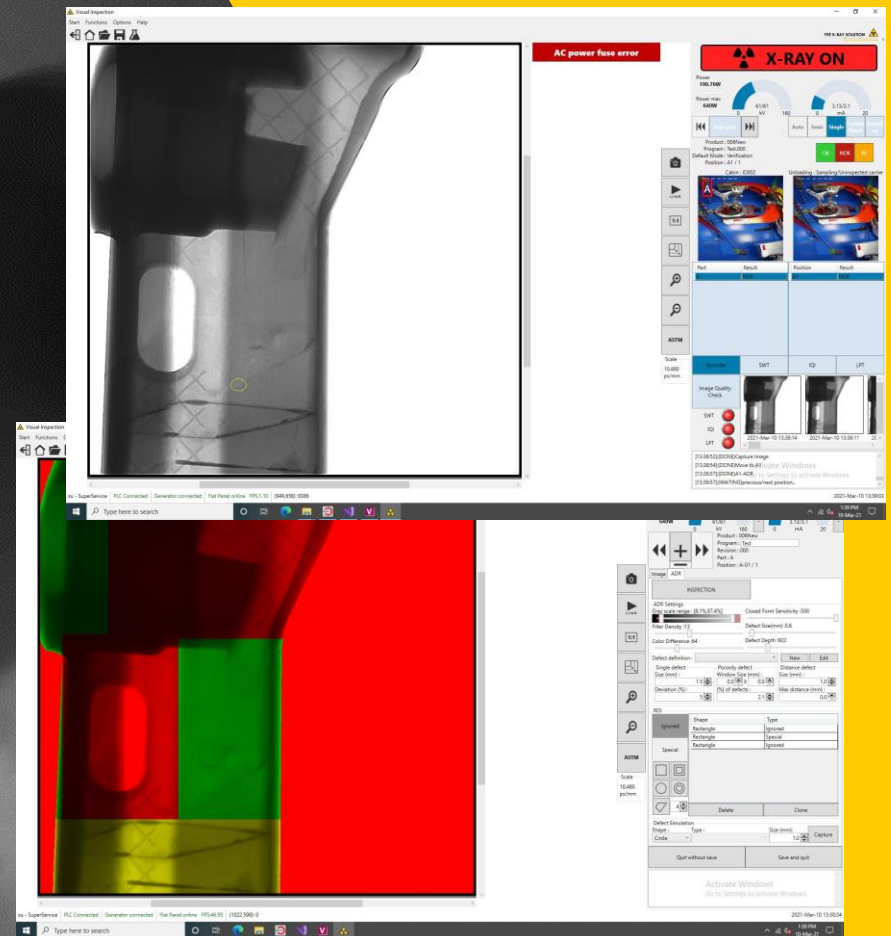
The human machine interface is designed according to the rules of ergonomic workplaces and is to be used for regular operation as well as teach-in process.

Especially during teach-in process the operator needs a good view into the machine and onto the parts while it is being moved into the specific positions.



Special Features

- ✓ Manual, Semi-Auto and Automatic Mode
- ✓ Automatic Image Quality Check
- ✓ Automatic Positioning Correction
- ✓ Zooming
- ✓ ASTM Reference



THE X-RAY SOLUTION

by Christoph Grohmann



XC07-1200

Doc: Product Info Sheet XC07-1200 Rev00

Automatic Casting Inspection

General Features

- ✓ Fully automated Offline System
- ✓ Brilliant Image Quality
- ✓ 160 kV X-ray System
- ✓ Digital Flat Panel, 300x300 mm, 145μ
- ✓ C-frame with tilting +/- 45°
- ✓ Automatic Type Recognition
- ✓ Automatic Defect Recognition - ADR
- ✓ Throughput of up to 3000 parts/day

Special Features included

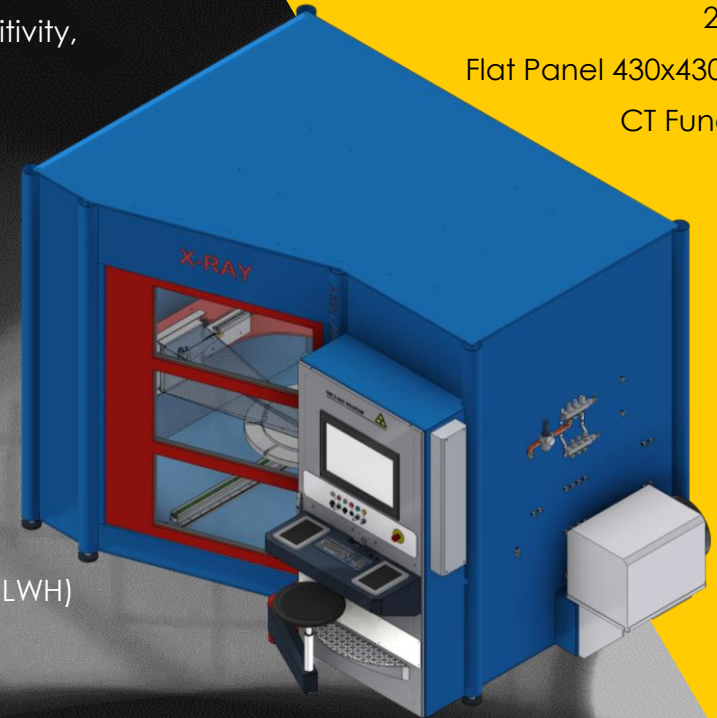
- ✓ Integrated Touch-Pads
- ✓ Surveillance Cams and Tele-maintenance
- ✓ Re-check and Sampling
- ✓ Auto Image Quality Check for Sensitivity, Resolution and Step-Wedge
- ✓ Laser Guidance System
- ✓ Statistical Database
- ✓ Ergonomic Operator Seat
- ✓ Vacuum Cleaner

Technical Data

- ✓ Dimension: 2989 x 2200 x 2470 mm (LWH)
- ✓ Weight: 4 metrical tons
- ✓ 3P~/N/PE, 400V, 50/60Hz, 18A

Options

- Casting Deck Alarming System
- NOK Ink Marking
- Needle Printing Unit
- DMC Reader
- Parts high up to 1500 mm
- 225kV
- Flat Panel 430x430 mm
- CT Function



XC07-1200

Doc.: Product Info Sheet XC07-1200 Rev00

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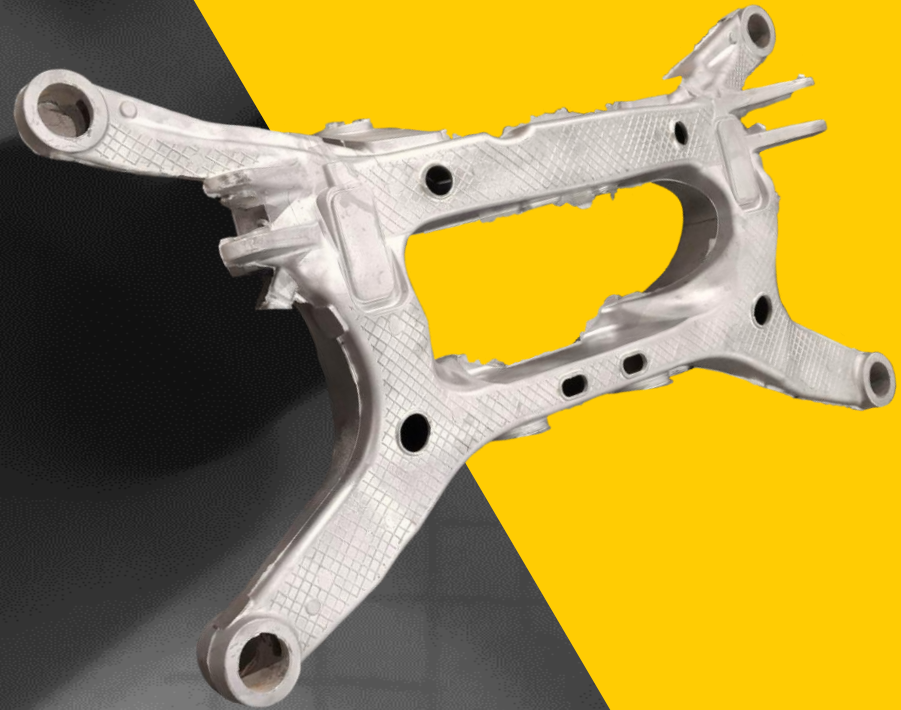
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Automatic Casting Inspection

Our Commitment

- ✓ Highest Level of German Machine Design and Quality
- ✓ World-class Components like Siemens PLC and PC, SEW
- ✓ System Concept: immediate ready to use
- ✓ Industry 4.0
- ✓ TÜV Approval Certificate
- ✓ 2 Years Guaranty
- ✓ Service Contract with 24/7 Support
- ✓ Sustainability



**ASK FOR DETAILED PERFORMANCE LIST
XC07-1200 AND QUOTE**

FOR MORE INFORMATION, PLEASE CONTACT
contact@thexraysolution.de

XC07-1200

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THE X-RAY SOLUTION

by Christoph Grohmann



Contact Addresses



Visit our Website



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