

Automatic Wheel Inspection

XW26 V11

Doc: Product Info Sheet XW26 V11 Rev00



THE X-RAY SOLUTION



by Christoph Grohmann

Automatic Wheel Inspection

No matter, if your wheels are small, middle or large sized, no matter, if your wheels are for cars, trucks or motorcycles, even steel wheels and brake discs - **THIS XW26 V11 HANDLES ALL.**

Wheel Parameters

- ✓ wheel size
ø 12" to 26.5"
- ✓ wheel height
max. 350 mm
- ✓ wheel weight
max. 80 kg
- ✓ max. material thickness
100 mm



XW26 V11 is designed for fully automated and inline processed inspection of aluminum wheels. The system reaches its high level of functionality while being compact with a small footprint. The combined features make **XW26 V11** a unique inspection system accepted by quality standards of car manufacturers worldwide.

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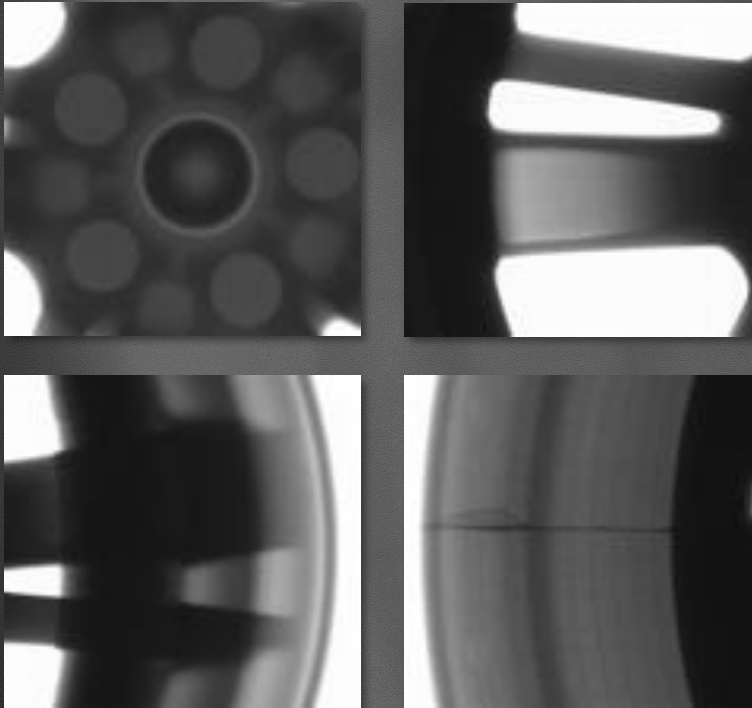


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Thanks to its C-Frame technology, **XW26 V11** reaches all necessary inspection areas without any dead-zones. High performed fully controlled servo axes makes it one of the fastest inline wheel inspection systems. Based on integrated automatic wheel type recognition, **XW26 V11** can be used in total mix-production of different wheel sizes without any delay.

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ADR Software

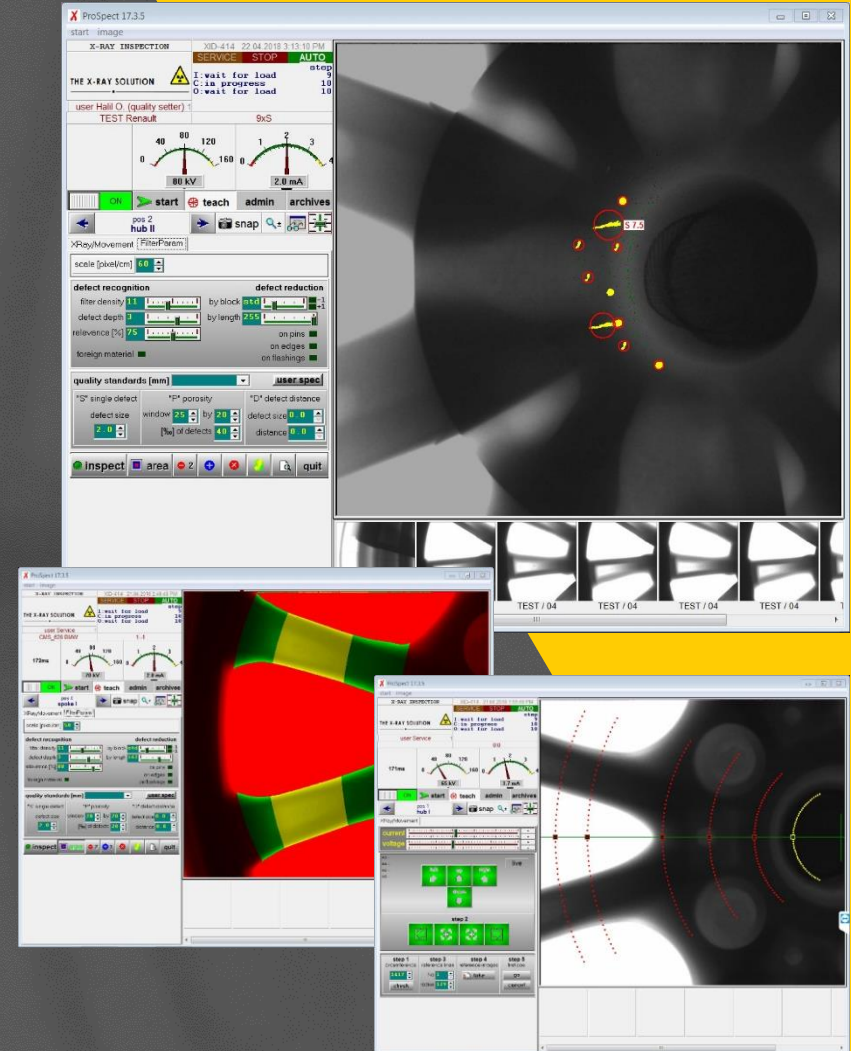
The user interface of the ADR software is structured very straightforward, and a lot of visual tools support the user setting of a specific wheel program within short time and in an intuitive and easy to learn fashion.

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 wheel while it is being moved into the specific positions.

Special Features

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



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General Features

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

Special Features included

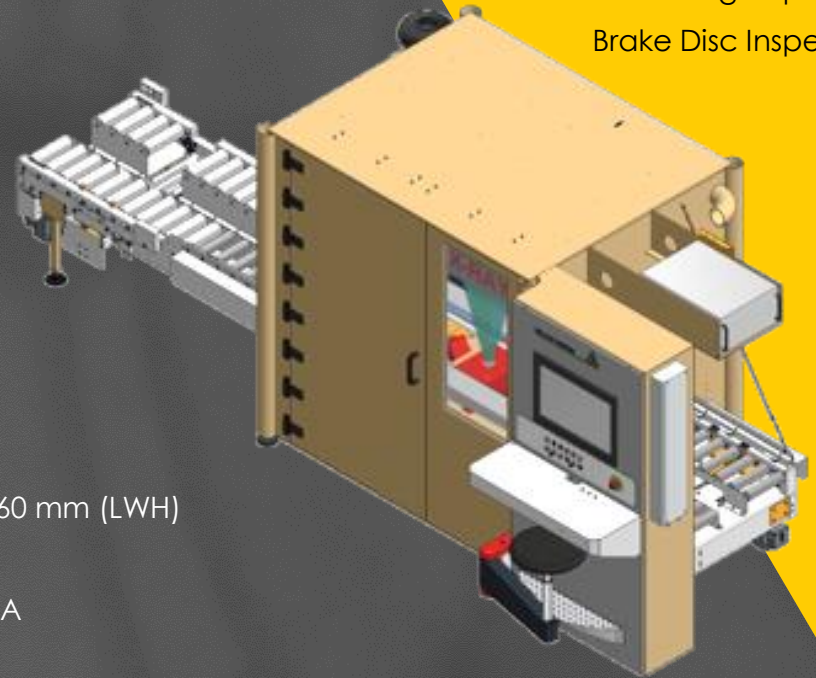
- ✓ Surveillance Cams and Tele-maintenance
- ✓ Re-check and Sampling
- ✓ Auto Image Quality Check for Sensitivity, Resolution and Step-Wedge
- ✓ Automatic Shutter System
- ✓ Statistical Database
- ✓ Ergonomic Operator Seat
- ✓ OK / NOK separating
- ✓ Vacuum Cleaner

Technical Data

- ✓ Dimension: 5136 x 2216 x 2060 mm (LWH)
- ✓ Weight: 3.7 metrical tons
- ✓ 3P~/N/PE, 400V, 50/60Hz, 18A

Options

- Automatic Mold Recognition
- Casting Deck Alarming System
- NOK Ink Marking
- NOK Destroying Unit
- DMC Reader
- Flat Panel 430x430 mm
- Welding Inspection
- Brake Disc Inspection



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Automatic Wheel 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
- ✓ TUV Approval Certificate
- ✓ 2 Years Guaranty
- ✓ Service Contract with 24/7 Support
- ✓ Sustainability



ASK FOR DETAILED PERFORMANCE LIST
XW26 V11 AND QUOTE

FOR MORE INFORMATION, PLEASE CONTACT
contact@thexraysolution.de

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Contact Addresses



Visit our Website



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