



VJ INSPECTION SYSTEMS

A VJ Technologies Company



VJ 4000A

AUDIT MODEL WHEEL INSPECTION SYSTEM

VJIS offers a complete line of radiosopic analysis systems for economic and versatile wheel inspections. Designed specifically for wheel foundry environments, the VJIS 4000A audit system scans casted wheels up to 24" in diameter providing multiple views from a single scan. Entire wheel image presentation (12 bit 4095 gray shades) enhances quality assurance capabilities including discontinuity mapping and single pass imaging through a broad thickness range.

Aided by VJ Technologies proprietary Automatic Defect Enhancement (ADE) and Defect Recognition Software (DRS), foundry process control is taken to the next level.

Safety system design assures compliance with all regulatory agency requirements.

Universal ...Ergonomic ...Reliable



VJ4000A AUDIT MODEL SYSTEM



- ▶ Multiple views from a Single Scan.
- ▶ Programmable System Controller.
- ▶ 14-Bit Pixel Depth for Exceptional Image Quality.
- ▶ Scans Wheels Up To 24" diameter.
- ▶ Minimal Moving Parts for Nominal Maintenance.
- ▶ Database Storage of inspection records for analysis and process improvement.
- ▶ Feedback of inspection results and images to production stations.
- ▶ Systems comply with Federal 21CFR 1020.40.



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FEATURES:

VJT-ADE (Automatic Defect Enhancement) software package for manual inspection, which significantly improves inspection quality while reducing inspection time.

VJT-DRS (Defect Recognition Software)