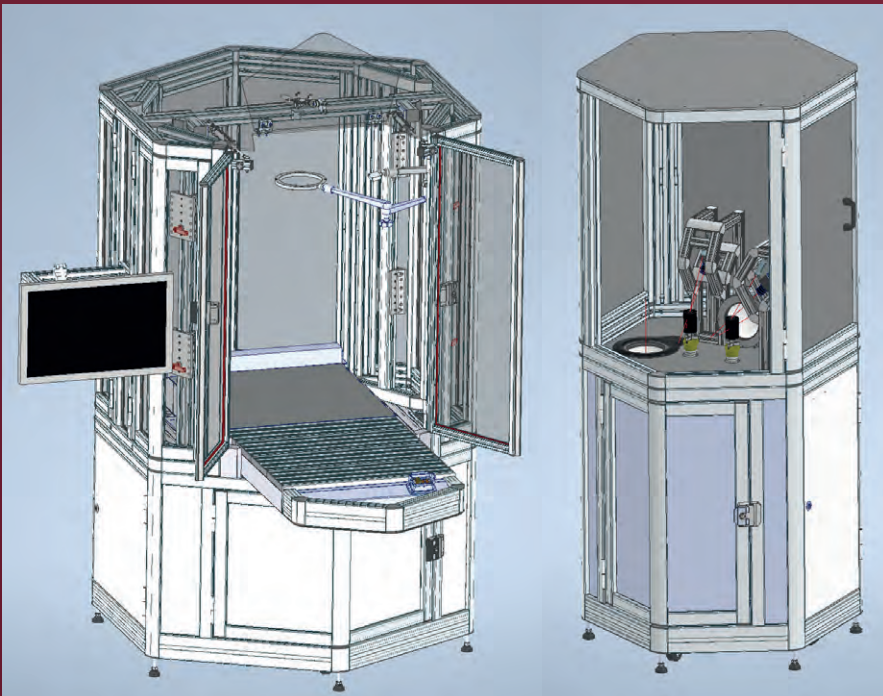


„End of Line“ quality inspection

Resident QBIC

Your Resident QBIC automates the quality assurance just before components or entire submodules are dispatched to the OEM. All relevant characteristics are checked objectively, in shortest time and always with identical criteria. This way, costly reclamations are avoided and client satisfaction is guaranteed. An investment with immediate payback.



Fast ROI



Rapid implementation



Easy-Update-Warrant

cretec-cybernetics.com

„Resident QBIC“, your Firewall to the OEM

Newest machine vision technologies are at the heart of Resident QBIC. Our standards promise maximum flexibility at selecting the components best fitting for your solution. Either manually loaded and unloaded or fully automated, we integrate the full process down to the packaging for you.



Features

- Create inspection jobs on the intuitive GUI
- Available turn-key or as sub-system
- Up to 20 camera perspectives possible
- 2D and 3D image acquisition
- Wavelength from UV to IR
- Hyperspectral technology optional
- Result historial and data bank management
- Static or dynamic image acquisition, fitting your process requirements
- Sophisticated lighting and optics technology
- Proprietary feeding technology including backlight
- High-value Siemens IPCs
- Connectivity to external systems, ready for integration into industry 4.0 environments



Benefits

- Fast set-up and production availability
- Intuitive GUI allows for fast implementation of own inspection jobs
- Environmentally sustainable and stable value, through flexible extension and adaption to new tasks
- Easy-Update-Warrant
- Compact footprint
- Mobility on the factory floor

Technical Specs

Spec:	QBIC 820	QBIC 1200
Inspection area:	380 x 530 x 800 mm	750 x 620 x 1000 mm
Image acquisition technology:	up to 8 perspectives, each 5 to 150 MPix resolution	up to 12 perspectives, each 5 to 150 MPix resolution
Cycle times:	10 ms to about 2 sec	10 ms to about 5 sec
Precision*:	up to 10 um	up to 10 um
Handling**:	Manually by an operator or with a robot or cobot or integrated into a full automatic feeding system	
Inspection technology:	AI and conventional algorithms, programming under VisionPro, Halcon, Sherlock	
Output Data:	Digital I/O, OPC/UA, ProfiNet, Web Server, Statistics + integrated 24" HMI	

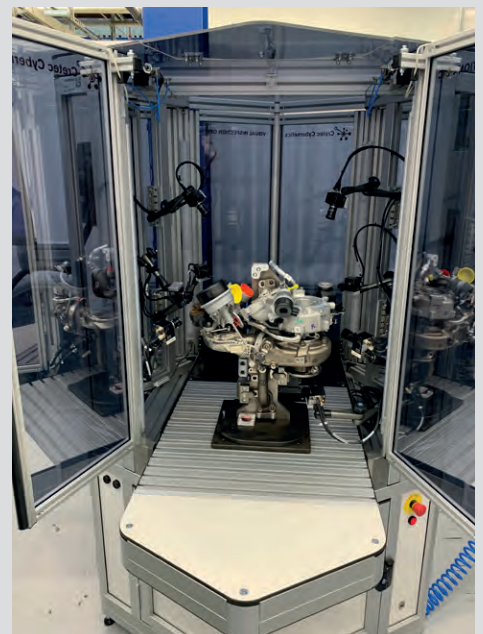
* dependent on camera, light & optics

** upon demand, automated skid and conveyor belts



The QBIC system, to the point

Either turn-key stand alone solution or perfectly adapted sub-system. Our QBIC modular automation platform allows fast integration into your production process. Feeding, handling, machine vision inspection, classification - every module is equipped perfectly for its task, fits neatly through every standard office door and will be set-up at your facilities at the speed of light. » www.cretec-cybernetics.com/solutions/xsort-qbic



top: belt with backlight area

bottom: complete assembly test



More information:
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