

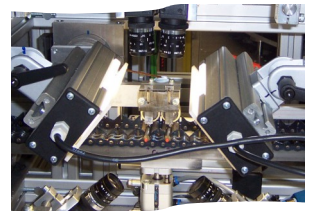
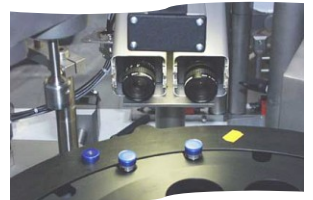
Complete image processing solutions for industrial inspection tasks

Camera systems, image analysing software, Track&Trace, handling systems, special lighting

Since 1996 image processing systems from argus sensorsysteme check and inspect products and packaging in production lines of various industries – first of all in the pharmaceutical and in the cosmetics industry, but also in the food, automotive, packaging and plastics industry.

From the conceptual design to the customized technical implementation to service and maintenance - with our expertise in software, hardware, mechanics, optics, and process automation we provide you with a tailored solution according to your requirements.

- ✗ character recognition
 - ✗ OCR
 - ✗ OCV
 - ✗ variable data
- ✗ code reading
 - ✗ barcodes
 - ✗ pharmacode
 - ✗ datamatrix code
- ✗ presence verification
- ✗ completeness check
- ✗ position check
- ✗ 2D measurement
- ✗ shape recognition
- ✗ level check
- ✗ colour control
- ✗ print inspection
- ✗ surface inspection / pattern recognition



Cameras



- ✗ GigE cameras
- ✗ FireWire cameras
- ✗ smart cameras
- ✗ USB cameras
- ✗ line scan cameras
- ✗ with CCD-Sensor
- ✗ with CMOS-Sensor
- ✗ with progressive scan sensor
- ✗ monochrome or colour
- ✗ with restart/reset function
- ✗ with protective housing
- ✗ with several lenses

Lighting



- ✗ reflected illumination
- ✗ backlights
- ✗ diffuse illumination
- ✗ low-reflection illumination
- ✗ extraneous light shields
- ✗ LED infrared illumination
- ✗ LED ring illumination
- ✗ LED line illumination
- ✗ LED area illumination
- ✗ dark field illumination
- ✗ coaxial illumination
- ✗ dome illumination

Hardware



We configure your system hardware according to your requirements.

- ✗ industrial-PCs (19")
- ✗ kompakt industrial-PCs
- ✗ panel PCs with touch screen
- ✗ smart-Kameras with internal processor
- ✗ with FireWire interface
- ✗ with Ethernet interface
- ✗ with Dig-I/O-interface

Image Analysing Software AVS

Our image processing solutions are based on the multifunctional image analysing software AVS developed by argus software specialists. The AVS software undergoes a continuous further development.

The independence from external software enables us to implement individual requirements from our customers concerning our software very flexibly and promptly.

That regards e.g. the programming and implementation of special image analysing operators, the connection with company networks and databases of our customers or the implementation of track and trace solutions.

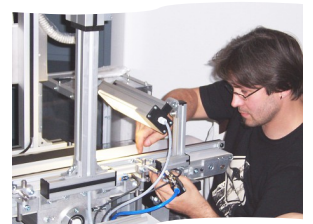
- ✗ includes a wide range of operators
- ✗ offers a graphical user interface (Windows respectively LINUX)
- ✗ no programming skills required
- ✗ allows an almost unlimited number of configurations
- ✗ allows the flexible assignment of user rights
- ✗ provides an autorun function
- ✗ includes statistical functions
- ✗ provides communication interfaces to external PLCs
- ✗ provides network functionality
- ✗ allows track and trace
- ✗ allows remote maintenance
- ✗ allows audit trail according to 21CFR part11



Good service is our philosophy

Customer satisfaction is a matter utmost importance for us. We'll be there for you, if you need field service or training for new employees. Our technicians and engineers are on their way in Europe – also in your area. To offer the best service for our customers at any time – this has been our mission and part of our successful philosophy since we started in 1996.

- ✗ installation
- ✗ commissioning
- ✗ factory acceptance test
- ✗ site acceptance test
- ✗ qualification
- ✗ instruction
- ✗ training
- ✗ maintenance
- ✗ service in many european countries



Need some advise? Don't hesitate to contact us.

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