

Data sheet

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Industrial image processing
for manual workstations



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Industrial image processing for top quality requirements at manual workstations.

Manual work still has its justification and advantages in many areas. Its economic benefits lie above all in small manufacturing batches, rapid product change and high parts of variability. It can also be adapted flexibly to production.

Product quantities and integrated manufacturing capabilities are relatively easy to change. In order to meet the increasing quality requirements for these areas of partial automation, ASENTICS develops and produces individual manual workstations, equipped with image processing systems for visual quality assurance. These workstations come up to every quality requirement demanded by such needs as highly sensitive surfaces or 100% checks. Manual workstations with industrial image-processing from ASENTICS are available for many areas of quality assurance.

ASENTICS produces customer orientated, individual solutions with a wide range of image processing systems for the following visual inspections:

- Surface inspection
- Completeness inspection
- Dimensional accuracy check
- Presence check
- Position check
- Printed image inspection
- Parts recognition

Properties and benefits:

- Flexible production for non durable and complex products
- Economical solution for the manufacturing of small production runs with exacting quality requirements
- Fast product change
- Extension to fully automated assembly line also possible if required
- Compact design
- Industry tested image processing components
- High performance image processing software with very short analysis times
- Cost effective, complete solutions

In addition to traditional manual workstations, ASENTICS also develops systems with integrated image processing for visual large-series checks, which can be incorporated into combined systems or used as autonomous inspection stations.



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