**RayScan**

# RayCheck and RayView®

A great number of items or high cycle rates require fast testing systems with automatic piece feeding. Our system **RayView®** for in-line testing by means of radioscopy or 3D-CT are designed for short testing times. According to the test result, faultless items are separated from defective ones. The test results are stored in a data base together with their item reference and the measurement parameters.
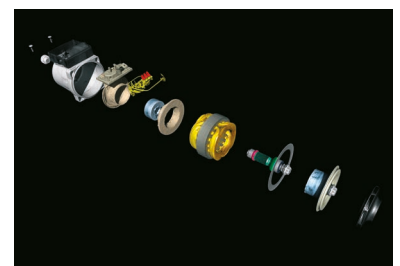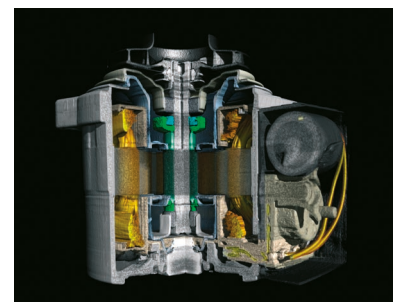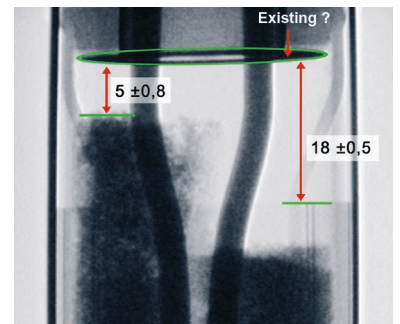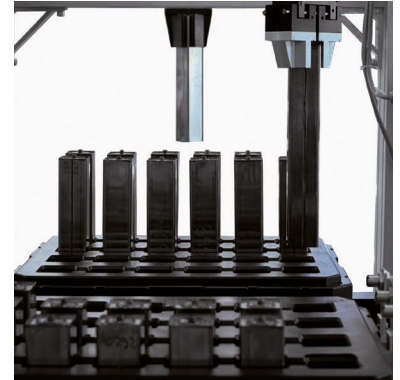
**RayCheck**
The automatic evaluation software RayCheck can be used for the analysis of X-ray images within radioscopy, as well as for the results of tomography. Besides the mere inquiry for the existence of certain image elements such as components or faults in the component, RayCheck is particularly convenient for the automatic determination of internal dimensions, residual wall thickness or radii.

## Technical Data*

| | |
|---|---|
| X-ray source (optional) | Minifocus 20 -160 kV (225 kV) |
| Focal spot | 0.4 mm |
| Size of objects ø / H | customised |
| Weight of objects | customised |
| Detector type | depending on application |
| Cycle time (handling, measurement, evaluation) | min. 5 sec. (customised) |
| Modes of operation | Radioscopy or 3D-CT |
| Optional | automatic evaluation |

\* Guide only, actual figures depend on material, maximum wall thickness, detector and source options.
  Technical design and choice of components will be customised. Errors excepted.
  Subject to change without notice.
  PRO-76001-E_e

Range of Products

| | |
|---|---|
| RayScan Nano® | Analysis in nanometer scale |
| RayScan 100 | Minifocus 3D CT |
| RayScan 150 | Sub-Microfocus 3D CT |
| Modular Systems: | |
|    RayScan 200 | Microfocus 3D CT |
|    RayScan 200 XE | Microfocus 3D CT and ROI CT |
|    RayScan 250 | Microfocus and minifocus 3D CT |
|    RayScan 600 | Minifocus 3D CT and 2D CT |
| RayScan Mobile | Movable 3D CT |
| RayCheck | Automatic evaluation software |
| RayView® | Automatic in-line testing |
| RayWare® | Computed Tomography software package |