

VS30, VS35, VS40, VS70, VS100, VS AOI VISION SYSTEMS

The vision system has been designed and developed for the automotive industry as an assembly and test station for fuse and relay carriers. Cameras facilitate the performance of measurement and recognition tasks.

Certain characteristics of the installed components can be verified through the recording of a camera image of the test object and the evaluation using the Vision Studio nx test software. The recorded camera image is used to check the test piece's equipment with the correct components. The test spectrum also includes color recognition, pattern recognition and character recognition. Furthermore, height control can be performed by means of a light beam, a reference bar and the camera, and thus the correct insertion depth of the components can be verified. Thanks to sealing-off the installed Vision components, the use with heavily varying light irradiation is also possible.



FEATURES

SPECIALS

- » Individual test sequences programmable
- » Immediate availability of test results
- » Structured creation of pattern models
- » Precise measurements
- » Easy handling – no expert knowledge required
- » Easy integration into existing systems
- » Customized solutions due to modular design
- » Color recognition
- » Pattern recognition
- » Character recognition (OCR technology)
- » Height control (HCT)
- » Cameras via GigE or Firewire

EQUIPMENT DETAILS

- » LED lighting
- » Camera
- » Interface for digital inputs and outputs
- » Compressed air supply



Vision system VS35

Please contact us – we will be glad to advise you!

POTENTIAL APPLICATIONS

The main application areas are the cable assembly and automotive or automotive supply industries.

ACCESSORIES:

- » CS WIN nx[®] test software
- » Vision Studio nx