



komax

VS40 VISION SYSTEM

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.

Vision Test: 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 item equipment with the correct components.

Height Control Test: Furthermore, a line laser, a linear unit and reference points on the test item are used for height control and thus for testing of the correct insertion depth of the components.

Features

- Individual test sequences
- Easy handling - no expert knowledge required
- Standardized interfaces
- Efficient and safe testing
- Due to the partitioning, use with strongly varying light irradiation is possible

Measurements

- Color recognition
- Pattern recognition
- Height control test

Technical data

Test grid:	Depth: 400 mm Width: 500 mm / 800 mm
Dimensions:	Depth: 1100 mm Width: Test grid + 200 mm Height: 1300 mm
Accessories:	* Test software CS WIN nx® Option: Vision Studio nx Option: Height Control Test Lighting Printer Barcode Scanner Additional accessories on request

* Further technical details can be found in the product data sheets and on our website.

Equipment

- Cameras
- Lighting
- Line laser incl. linear unit (HCT)
- Voltage and pneumatic supply

Options

Other models and sizes are available on request. The VS40 vision system can be combined with all components and can be configured according to customer requirements.