

Vision system VS50 – Perfectly adapted!

Assembly, testing and final test in a line



Vision System VS50

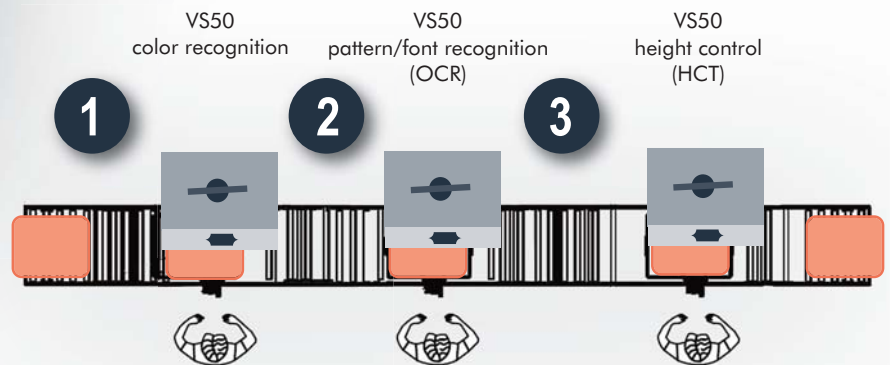
Capabilities

- Closed system for a perfect integration in production lines
- High test speed
- Ergonomic arrangement of the adaptation
- Advanced camera technology for efficient sample control



Option

- Height control (HCT)
Test of the correct installation height of fuses and relays



Equipment

- Interchangeable adaptations
- Operation via touch-screen
- Standard interfaces

Sample of a production line:

1. visual test of fuses (color recognition)
2. visual test of relays (pattern-, font recognition (OCR))
3. height control of fuses and relays (HCT)



All systems based upon:

- PC with Microsoft® Windows® XP
- TSK software CS WIN® nx - VISION
- Cameras, using FireWire and USB
- LED lighting

Improved standard or customized system design?

Let our experience be your advantage!

Test samples



- All standard types of fuses and relays, e.g.: ATO-, MINI-, MIDI-, MAXI-, etc...
- Fuse carriers
- Fuse holders and connector locking devices
- Unicolored wires
- Lettering
- more on request

Recognition methods

- Color recognition
- Pattern recognition
- Character recognition
- Height control (Option)

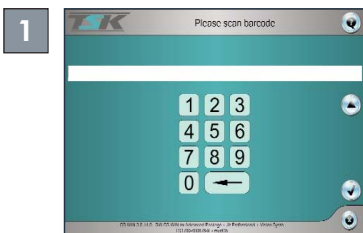


OCR technology for character recognition



HCT technology for height recognition of fuses and relays

Test sequence



1 Scan barcode or select test project



2 Insert test sample



3 visual test of fuses and their positions



4 height control of fuses and relays (HCT)



5 Failure detection and correction



6 Display, save and transfer of test results