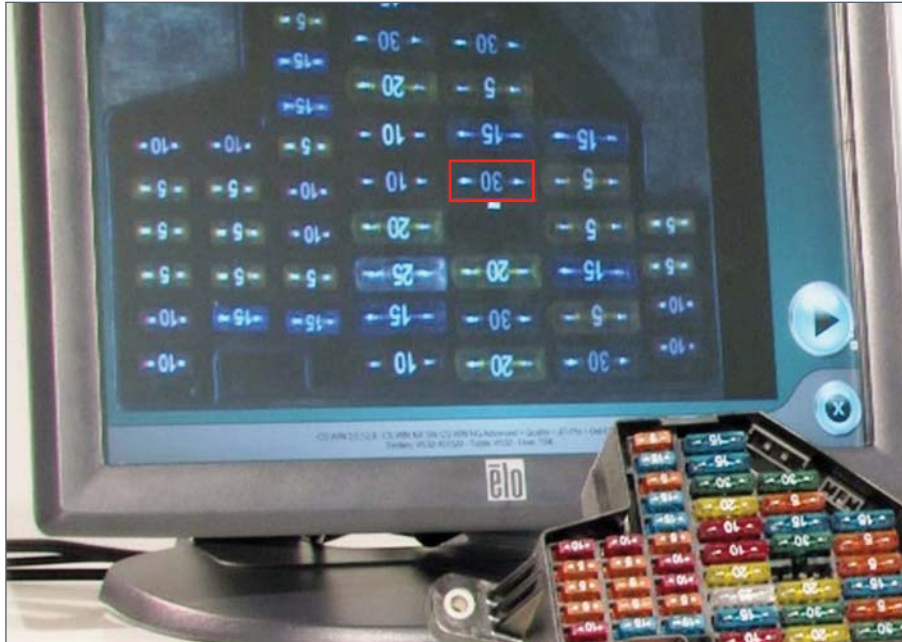


Vision System – Get a picture!

Advanced technology for visual equipment control



User friendly presentation of test results

Capabilities

- Reliable recognition algorithm by color pattern and OCR
- Triangular object height measurement
- All current types of fuses and relays are possible
- Effective lightning through current LED-lighting engineering
- Simple system set up



Height control in action

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



Detection of height deviation



OCR technology for character recognition

Improved standard or customized system design?

Let our experiences be your advantage!

VS30

- Modular Vision System for integration in existing test systems
- Applicable as add-on system
- Complete light separation allows use in environments with variable lighting



VS70/VS70-L

- Simultaneous test of two test samples
- Applicable for test samples with double sided equipment
- Size of opening : ~ 177 mm (**VS70**)
~ 437 mm (**VS70-L**)

Optional:

- Table frame
- Screwdriver station

VS100

- Applicable for all standard tasks
- Height adjustable



In preparation: VS50

Stand alone test system for your assembly line



All systems based upon:

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