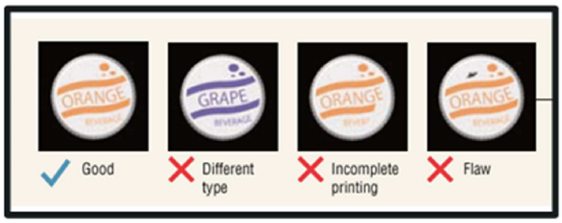
Tarsier Series Vision
Intuitive Quality Control

Inspection result examples



Features

- read 1D and 2D codes
- OCR (optical character recognition), i.e. date check or any character string
- version control
- serialized product verification with our optional EIS Vision Suite
- includes NG (no good) product output to connect to your machine
- presence detection, i.e. design elements or object based
- connect to Vision Database to store inspection result data and images
- measurement
- contaminant detection, i.e. clear objects prior to filling or seal area in food packaging
- counting, i.e. multiple pieces in tray and detect missing pieces
- auto-teach function

Networking

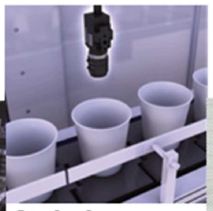
- send result data to a PLC or PC with ease
- networking options:
  RS232, Ethernet, EthernetIP, PC-Program, Profinet, FTP

Install locations / Applications

- install on virtually any existing equipment
  - conveying systems
  - packaging machinery
  - assembly lines
  - digital printing equipment
  - folding gluing machinery

Counting

Chip inspection


Stain insp.

Silhouette

Your Benefits

- 100% production quality control
- combine with in-line reject gates, blow offs for automatic product divert
- eliminate the need for operators to sporadically check products
- no more customer claims/complaints due to faulty products
- combine with our ProTrac Series product tracking system

System Components

Inside of control box

Complete Economy Package System is delivered with:

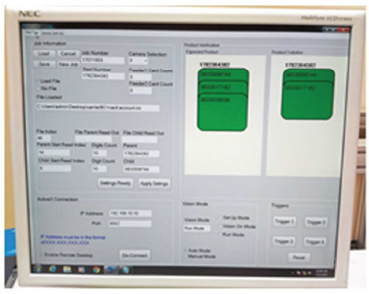
- Fully assembled control box, as shown on the left
- Vision Controller including lighting controller
- One (1) 2 MegaPixel monochrome camera
- One (1) Lens for camera
- One (1) 82mm LED bar light
- One (1) full set of mounting brackets
- One (1) 19" Monitor and Mouse
- One (1) complete cable set 5m
- One (1) trigger sensor
- RJ45 Ethernet and RJ11/D-sub9 RS232 data cables
- Wiring Diagrams for system

Complete System
Installation Ready

Installation and Training

- typical installation and training time is 2-3 days at customer site
- easy to use operator interface, we will train your operators step by step on the entire system including creating new programs

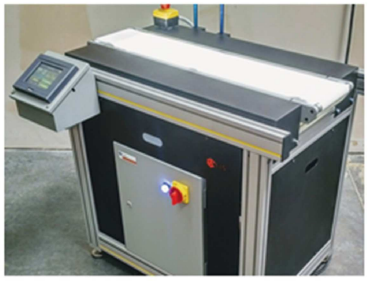
Optional Systems:



EIS Vision Suite

EIS Vision Suite

- install on any Microsoft Windows 7-10 PC
- Load serialized files with selectable delimiter or stream from database
- compare results in real-time with expected product
- visualization of current production
- save production files or stream to database for information storage



1m backlit conveying section

Backlit Conveyer

- available in multiple lengths in 50cm (~1.5ft.) increments
- servo speed following available
- clear product inspection, product coordinates for picking robots, measurement of products via silhouette
- optional reject mechanism or blow off available