

INDUSTRY 4.0
— R E A D Y —

Visual inspection starter kit

DESCRIPTION

The **Inspector Starter Kit** contains all the hardware and software required to perform visual inspections on small production runs. The starter kit provides a quick, easy, and economical way to start using SLT

(Self Learning Technology), developed on the basis of artificial intelligence algorithms and neural networks. By mimicking human functions, the technology enables inspection tasks that cannot be performed by traditional industrial vision systems to be automated.

ADVANTAGES



Turnkey

It is no longer necessary to develop a complicated code for performing visual inspection.



Easy to use

Simply place the parts underneath the lens. It is not necessary to position the parts for inspection.



Flexibility

The machine can inspect parts of different shapes and sizes.



Performance

The inspection is superior to the best quality inspector.



Reproducibility

The machine ensures the inspection criteria remain consistent.



Speed

The inspection cycle time is optimised.



Traceability

The machine saves all the inspections performed.

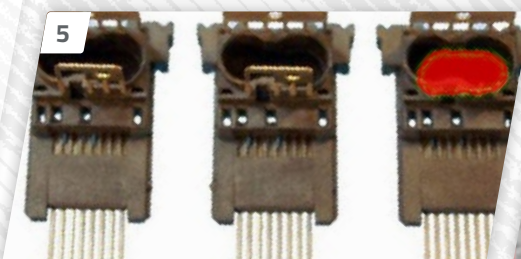
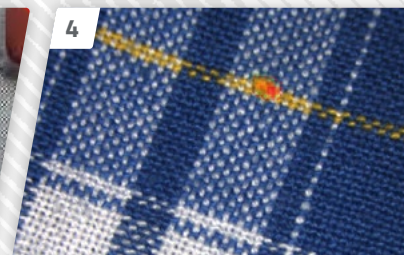
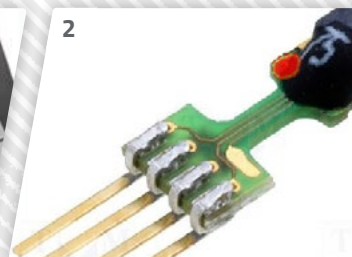


Service

The starter kit can be accessed remotely for interventions.

APPLICATION EXAMPLES

- 1 Defects on dials
- 2 Missing coating on components
- 3 Presence of medication inside medical packaging
- 4 Weaving defects
- 5 Missing pins
- 6 Printing defects



TECHNICAL FEATURES

Inspection time	100 – 1500 ms
Field of view	11 x 14 mm (Kit 1), 45 x 48 mm (Kit 2), 70 x 70 mm (Kit 3)
Average operator training time	~ 2 h
Machine self-learning time	~ 1 h / recipe
Machine user	non-specialised operator
Power supply	220 V / 50 Hz 10 A

TECHNICAL DRAWING

