

Features

- Quick process flow of 5 to 10 minutes
- No cross section potting
- Evaluation according to DIN and different electrical and physical parameters
- PC specific software for micrograph evaluation

The CSL is designed for Tyco Electronics IDC contact systems but is not restricted to them. With a modified sample holder, cross sections of competitors products are also possible.

Compatible Tyco Electronics contact systems

- IDC RAST 5 bis 12 polig
- IDC RAST 2.5 bis 20 polig
- MAG-MATE
- SIAMEZE
- MQSMaTch

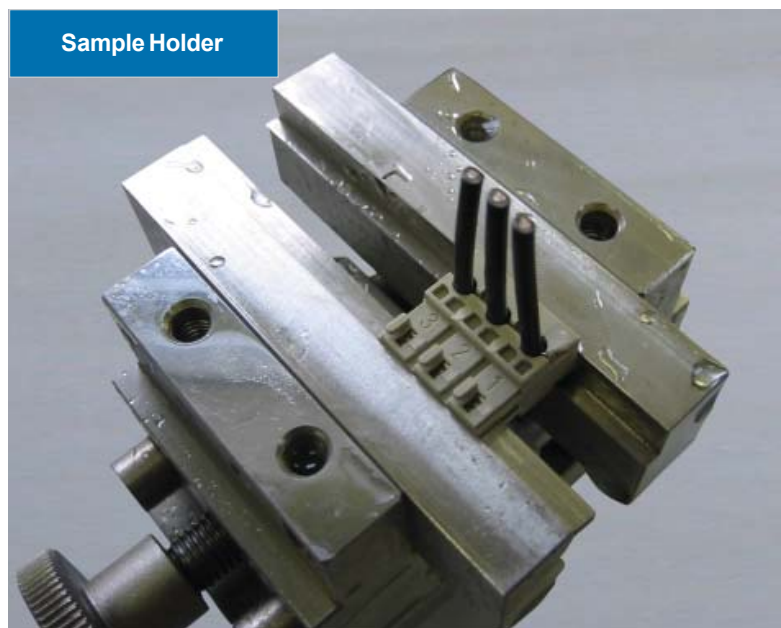
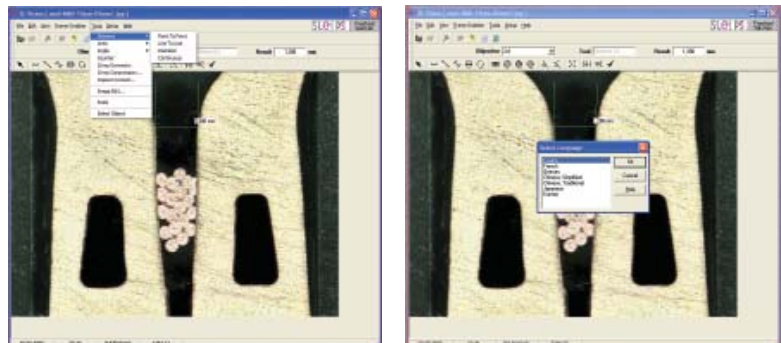
The flexibility of the CSL allows cross sections of a variety of IDC connectors.

Better than conventional processes the new cutting method makes potting and long drying times a thing of the past. So processing time can be reduced dramatically.

For special requirements an optional impregnation module is available. With it the cutting area can be lightly fixed.

If you need more detailed information please contact your local representative. The relevant contact can be found on the website below.

Our GATD team will be very pleased to assist you.





Cutting Module

- High precise cut through the IDC connection in one step
- Adjustable cutting position
- Active cooling of saw blade
- Adjustable cutting wheel speed

After the cut the contrast structure and wire placement within the insulation displacement contact are already clearly visible.

Grinding Module

- Adjustable flow of cooling liquid
- Adjustable speed
- Micro adjustment of grinding height
- Soft touch function for sample holder

A quick grinding process prevents oxidation and discolorations in particular with copper contacts.

Etching Module

- Etching Module with Display and key pad
- Short etching times
- Uncritical usage of etching agent

The special etching technique increases the contrast of the metallic surface and enables an excellent visual evaluation micrograph.

Evaluation Module

- High resolution cross section pictures with 3 mega-pixel
- Alternative: CCD camera with 5 mega-pixel
- Adjustable X-Y-table with micro fine adjustment

- The optic is able to show up to 5 positions of a RAST 5 connector or 10 positions of a RAST 2.5 connector at the same time.

PC with Monitor and special Software

By means of PC and CSL specific software the micrographs can be evaluated quick and simply according to different electrical and physical parameters.

Cross Sections from following Tyco Electronics connector examples

- AMP multifitting Mark II
- AMP DUOPLUG Power
- AMP DUOPLUG 2.5 Mark II
- SIAMEZE
- MQS MaTch
- MAG-MATE

