

Laboratory

Dalectro are specialised in analysis and test of printed circuit boards, also assembled pcb. With our metallographic sampling equipment and microscopy we are also able to analyse single electronic components, solderjoints, encapsulations, contacts, pressfit, crimping, surface treated finemechanics, sheet metal and similar.

Our test equipment

We have equipment for visual control, thermal chock and microsection analysis (cross section) in our own independent laboratory.

- Metallurgic optical microscope
- Stereozoom optical microscope
- Digital microscope camera with measurement software
- Digital high resolution camera
- Diamond blade wet cutting equipment
- Metal bandsaw wet/dry for large details
- Bandsaw dry for large non-metallic details
- Beltsanders for non-metallic details
- Grinding- and polishing equipment for microsection preparation
- Ultrasonic cleaning equipment - low effect
- Solderpot for leadfree thermal tests and solderability tests
- Solderpot with lead for thermal tests and solderability tests

We can also perform measurements with external partners:

- Measurement with XRF of nm thin layers like gold, nickel, silver
- Control of bondable surfaces (ball bonding and wire bonding)

