



Quality Equipment

At Australian Rail Technology (ART), quality is paramount and we only utilise state-of-the-art wire processing equipment.

Our cutting machines coupled with printing technology allows for the upload of data files for automated cutting of wire synchronised with automatic printing on wire within the one process. This ability dramatically improves speed and efficiency as well as accuracy

About

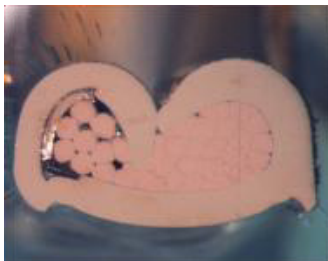
ART has made a significant investment in computer testing technology. This allows us to conduct point to point continuity testing as well as high voltage HiPot testing. We can also function test wiring looms with electronic equipment at the nominal train voltage to simulate operation as per the 'parent equipment'. Printed test reports can be supplied if required.

Features include:

- Test Points: 160 – 20,000
- HiPot: 100 – 1500VDC, 100 – 1000VAC
- Function test electronic equipment: Timers, analogue voltages, logic circuits
- Function test electronic equipment: 100 O/P (up to 120VDC), 150 I/P, 10 analogue O/P (up to 120VDC)
- Connection Resistance Range: 0.1 – 1M ohm
- Insulation Resistance Range: 5M – 1000M ohm
- 4-Wire Resistance Test: .001 – 100 ohm
- Test Reports: SPC Data Collection / Custom Reports
- Components Tested: Resistors, Diodes, Capacitors
- Wirelist Memory Capability: Unlimited
- Point Labelling: 32 Characters
- Guided Assembly: Zero Defect Assembly Aides
- Security: Password Protected Security Levels

Our Schleuniger MicroGraph System allows the creation of high-quality crimp cross-sectional images in a fraction of the time needed with "conventional" methods.

The MicroGraph System provides extremely short process times and can be utilised at a substantially lower price than common laboratories. In daily use it increases efficiency and lowers costs typically associated with the creation of cross-sectional views – making an important contribution to further increase productivity.



Bad Crimp – presents of voids



Good Crimp

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