

Cutting and Grinding Unit **ML 3300**



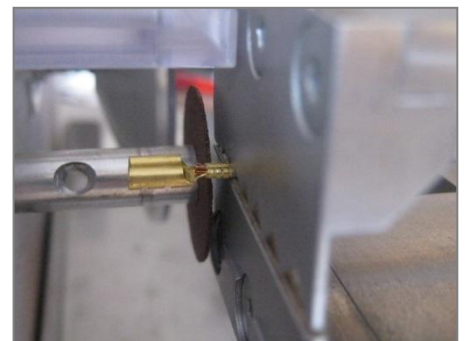
ML 3300 for precise cutting and grinding of electrical crimp connections

The preparation and examination of microsections of electrical crimp connections for quality assurance reasons is nowadays state-of-the-art. In order to meet customer requirements best, we offer besides our micrograph laboratories also single functional modules. This allows customers to design their labs individually or to complement and modernize their existing laboratories. Of course, all C-tec modules are compatible to each other!

The **module ML 3300** is designed to cut and grind crimp connections – time saving in one work flow. All axes of the cutting and grinding unit are coordinated exactly and so a perfect microsection surface will be achieved. After the cutting and grinding process is finished, the sample holder with the sample can be removed and passed forward to the next working process.

Performance features

- Precise clamping tool with guide to cut and grind the crimp
- Most time-saving processing of the crimp connections possible
- Standard terminal holder suitable for wire cross sections up to 6 mm²
- Safe working with a Plexiglass safety cover
- Feed wheel for exact transportation of the crimp with stop function
- Spring-mounted grinding disc avoids damages



Crimping Line

Further performance features

- Adjustment of cutting and grinding speed with a potentiometer
- Passing on of the sample within the terminal holder for further treatment
- LED illumination for the work station
- Large set of wear parts included
- Standard terminal holder for cross sections up to 6 mm² (further sizes are available)
- Appropriate tool set for the sample preparation
- Integrated in an MDF board laminated with stainless steel
- Optional: **Drive System JDS 3.0** for more convenient and precise control when cutting and grinding
- Optional: integrated **Cut Camera (VCS)** for exact cut control, easily operated by touch display



JDS Drive System incl. Visual Cut Camera (VCS)

Technical specifications

- Power supply 100-240V AC, 50-60Hz
- Crimp cross section up to 6 mm²
- Cutting speed 1800 – 6800 U/min.
- Grinding speed 490 – 1860 U/min.
- Sand paper Ø 73mm, grain 320 / 600 / 1200
- Cutting disc Ø 24mm
- Weight approx. 16 kg
- Dimensions 430 mm x 580 mm x 160 mm (W x D x H)



Full set of tools and accessories

Optimal preparation of crimp cross sections with our Microlab modules

Cutting and Grinding →



Electronic fine polishing →



Measuring / Analysing

