

Crimping Line

Electronic Fine Polishing device **EFP 3.0**



Electronic fine polishing unit EFP 3.0, here with sample holder Screwfix and add-on crocodile clip

The workflow management of the crimping process is important for the quality of crimp connections. Hidden defects of material or incorrect setting of the crimping machine or tool can result in serious defects in the crimp connection and lead to substantial failures of the wire harness. Claims for compensation and/or loss of face can be the result.

We recommend conducting regular quality checks by preparing microsections of the crimp connections.

The **Electronic Fine Polishing device EFP 3.0** - as part of the Microlab product family - facilitates the fast polishing of the crimp surface. Our polishing liquid C250 does not contain any harmful substances. Therefore no special provisions are required for the polishing process. The microsections can be prepared in situ of the production area. A good polishing quality is a prerequisite for the fast and efficient evaluation and documentation of the microsection. The evaluation and documentation of the microsection is a perfect proof of the crimp quality and a reliable tool to monitor production.

Performance Features

- Processing of the cross section by a handy polishing pen
- Easily exchangeable polishing tips
- Small and large polishing heads for different cross sections
- Infinitely adjustable polishing voltage from 1 to 16 V
- Adjustable polishing performance from 1% to 100%
- Three presets for polishing parameters
- Flexible in use for various electrolyte liquids
- Power supply with international adapters



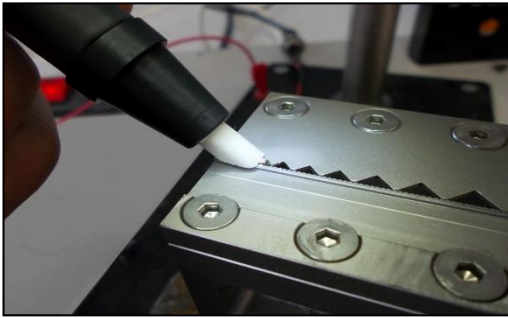
Electronic fine polishing of a crimp cross section



"Your monitoring specialist"
certified ISO 9001 + ISO 14001



Crimping Line



Polishing pen in operation



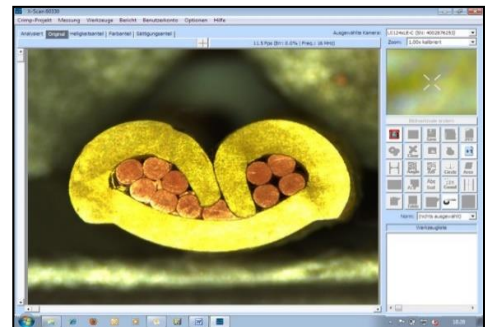
Polishing tips and fixtures are available in sizes 4.6mm and 10.1 mm



Non-hazardous polishing liquid C250 for excellent microsection pictures

Specifications

- ⊗ Voltage supply 100 - 240 VAC, 50/60Hz; via wall adapter including international adapter kit
- ⊗ Max. consumption 20 VA
- ⊗ Polishing voltage 1 – 16 V
- ⊗ Polishing performance 1 – 100 %
- ⊗ Polishing tips square 4.6mm; 10.1mm
- ⊗ Protection Protected against short-circuit and overload
- ⊗ Material Copper
- ⊗ Weight c. 1.55 kg (incl. 250ml electrolyte liquid C250)
- ⊗ Dimensions (W x D x H) 25.5 cm x 12.0 cm x 11.2 cm



Possible result of the polishing process

Perfect processing of crimp cross sections

Cutting/grinding



Fine Polishing



Evaluation



C-tec Cable technologies GmbH & Co.KG
Ilztastraße 11 Tel.: +49 (0) 8554 – 94 23 9-0
D-94513 Schoenberg Fax: +49 (0) 8554 – 94 23 9-20

eMail: info@cable-tec.net
www.cable-tec.net