

Crimping Line

Electronic Fine Polishing device **EFP 4.0** for large crimp contacts



Electronic fine polishing unit EFP 4.0

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.

With the **Electronic fine polishing unit EFP 4.0**, surfaces of crimp cross sections can be polished and finished after cutting. The **EFP 4.0** is optimised for cable cross-sections from 10 mm² on and the polishing is carried out completely without hazardous substances. After polishing, the micrograph can be analysed, measured and documented with the powerful X-Scan measuring software.

Performance features

- Convenient operation via modern touch display
- Processing of the microsection with a handy polishing tool
- Easily exchangeable polishing pads
- Non-hazardous polishing liquid C250
- Plug-in power supply with international adapters

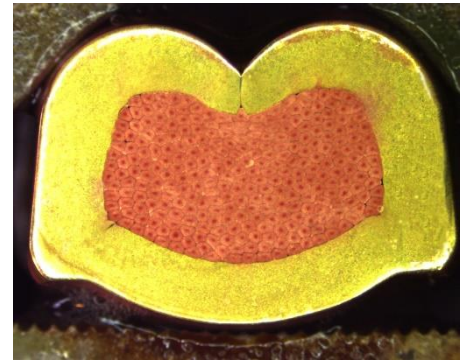
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Bottom side of the polishing tool with polishing pad



Easy fine polishing with the polishing pad



Example result after the treatment

Technical data

⊗ Power supply	24Vdc (via plug-in power supply)
⊗ Max. consumption	60 W
⊗ Polishing current	0.1 – 3.0 A (short-circuit proof)
⊗ Polishing voltage	max 22.2 V
⊗ Operational principle	electrochemical
⊗ Cross section range	10 mm ² - 150 mm ²
⊗ Display	2.8" TFT colour display with touch screen
⊗ Display resolution	320 x 240 pixel
⊗ Protection circuits	Temperature, short-circuit, over- and undervoltage at input, overvoltage at output
⊗ Recommended room temperature	22°C +/- 5°
⊗ Protection	IP44
⊗ Dimensions (W x D x H)	271.5 x 153 x 174mm
⊗ Weight	approx. 2.0kg

Perfect processing of large crimp cross sections

Cutting/grinding



Fine polishing



Evaluation

