



"Your monitoring specialist"  
certified ISO 9001 + ISO 14001



## 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 mm<sup>2</sup> 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



Quality Management  
Environmental Management  
ISO 9001  
ISO 14001  
www.dekra-seal.com

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

eMail: [info@cable-tec.net](mailto:info@cable-tec.net)  
[www.cable-tec.net](http://www.cable-tec.net)



"Your monitoring specialist"  
certified ISO 9001 + ISO 14001



## Crimping Line



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 <sup>2</sup> - 150 mm <sup>2</sup>
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



Quality Management  
Environmental Management  
ISO 9001  
ISO 14001  
www.dekra-seal.com

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

eMail: [info@cable-tec.net](mailto:info@cable-tec.net)  
[www.cable-tec.net](http://www.cable-tec.net)