

www.klauke.com



Klauke[®] micro

The first electromechanical crimping tool
with PowerSense technology

Verbindungen mit **System**
The **Power** of Partnership

Klauke[®]
A Textron Company

Times change.



And so do requirements.



Klauke® *micro*

**Fast, light, efficient –
the way you crimp today.**

The new way of crimping for cross-sections up to 50 mm²: Klauke micro. As fast and easy to use as a mechanical crimping tool, as powerful and efficient as a hydraulic tool.

The unique PowerSense technology – “Manual pre-clamping, motorized crimping” makes the crimping process revolutionary simpler and at the same time more efficient than ever.



Micro compact, maximum efficiency

Whether you want high speed, low weight or efficient drive technology, the Klauke micro combines the benefits of manual crimping tools with the convenience of battery-powered hydraulic tools in just one device. Thanks to its compact design it is ideal for jobs where connecting material has to be crimped quickly and in a high volume on the one hand and also wherever a handy, mobile tool is required, e.g. for switch cabinet construction and numerous other installation applications in trade and industry. The Klauke micro is the ideal solution for those who want both – maximum efficiency and optimum ease of use.



Very easy handling
thanks to PowerSense technology



Automatic retraction
when operation is complete



Interchangeable Klauke 50-series crimping dies
for all common applications up to 50 mm²



Electronic control
with blocking function and motor stall protection



High speed
Crimping time < 1.5 sec.



Ergonomic two-component housing
in Klauke “In-line Design”



Very low weight
tool incl. battery < 1 kg



LED light to illuminate
working area



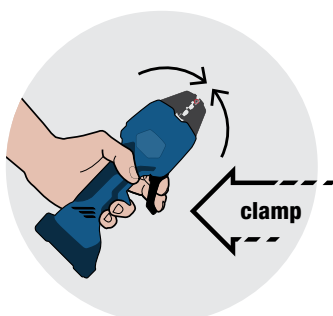
10.8 V lithium-ion battery
with charge level indicator



Long service life
with service intervals of 35,000 cycles



THE REVOLUTIONARY POWERSENSE TECHNOLOGY



1. Manual pre-clamping

Operating the lever closes the crimping jaws without any exertion on the part of the user and fixes the connecting material. In this “pre-clamped” state it is still possible to adjust the position and the alignment.

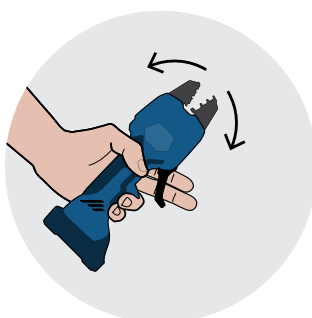


Technologies develop.



2. Motorized crimping

Further actuation or “pulling back” the lever starts the crimping process fully automatically using the power of the integrated motor.















... and done

The retraction to the starting position is also fully automatic. During the entire crimping cycle the process can be interrupted by actuating the lever in the opposite direction.

Technical data

Crimping force	15 kN (max.)
Crimping range	0.14 - 50 mm ²
Crimping time	< 1.5 sec. (depending on connecting material)
Number of crimps per battery charge	approx. 300 at 10 mm ² Cu DIN 46234
Battery voltage	10.8 V
Battery capacity	1.5 Ah, Li-Ion
Charging time	approx. 40 min.
Weight incl. battery	0.96 kg
Ambient temperature	-10 °C up to +40 °C

Suitable for	Connecting material	Crimping range	Crimping profile
Tubular cable lugs and connectors – Cu, standard design		0.75 - 10 mm ²	
		16 - 25 mm ² 	
Solderless terminals (DIN 46234) and pin terminals (DIN 46230), solderless connectors (DIN 46341)		0.5 - 10 mm ²	
Cable end-sleeves		0.14 - 50 mm ²	
Insulated cable connections		0.1 - 16 mm ²	
Non-insulated receptacles		0.25 - 6 mm ²	
You will find more available dies in our catalogue or at www.klauke.com			

Scope of supply part no. LBOXXEK50ML :



- Highly impact-resistant L-BOXX for storage of tools, connectors and accessories
- EK50ML Electromechanical crimping tool 0.14 - 50 mm²
- Battery RAML1, 10.8 V / 1.5 Ah
- Battery charger LGML1
- 4 different crimping dies for connection material included: cable end-sleeves 10 - 50 mm², insulated connectors 10 - 16 mm², tubular cable lugs and connectors 16 - 25 mm²
- K 118 Hand-operated cutting tool for Cu and Al cables up to 12 mm dia.
- VDE Plus/Minus screwdriver, Z1
- KL645GSK Cable knife with blade protection, 1,000 V
- Insulated cable end-sleeves DIN 46228 part 4, 10 - 50 mm²
- Insulated solderless terminals M6, fork-type, 10 mm²
- Tubular cable lugs M8, 16 - 25 mm²

Scope of supply part no. EK50ML :



- Sturdy plastic case for storage of tool and accessories
- EK50ML Electromechanical crimping tool 0.14 - 50 mm²
- Battery RAML1, 10.8 V / 1.5 Ah
- Battery charger LGML1
- Crimping die IS5071 for crimping insulated connectors 0.5 - 6 mm²

Scope of supply part no. EK50ML-L :



- Karton box with tool and battery
- EK50ML Electromechanical crimping tool 0.14 - 50 mm²
- Battery RAML1, 10.8 V / 1.5 Ah

Accessory :



- USB adapter PGA 1