

www.klauke.com



Klauke[®] **micro**

The first electromechanical crimping tool
with PowerSense technology

Manual pre-clamping. Motorized crimping.

Verbindungen mit **System**
The **POWER** of Partnership

Klauke[®]

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

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



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



High speed
Crimping time < 1.5 sec.



Very low weight
tool incl. battery < 1 kg



10.8 V lithium-ion battery
with charge level indicator



Automatic retraction
when operation is complete



Electronic control
with blocking function and motor stall protection



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



LED light to illuminate
working area



Long service life
with service intervals of 35,000 cycles

The revolutionary PowerSense technology

What makes the Klauke micro so unique is its innovative operating concept with PowerSense function. The pre-clamping is done manually - with the accustomed precision and speed of a mechanical crimping tool. The crimping process as such is fully automatic using the power of the integrated motor. A real crimping innovation in the cross-sectional range up to 50 mm².



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.



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.

Easy on the nerves – in the truest sense

Frequent manual crimping:
eventually leads to an overstraining in the wrist and under arm region.



Motorised crimping with innovative PowerSense function:
ensures optimised efficiency with less straining and minimum risk to health.



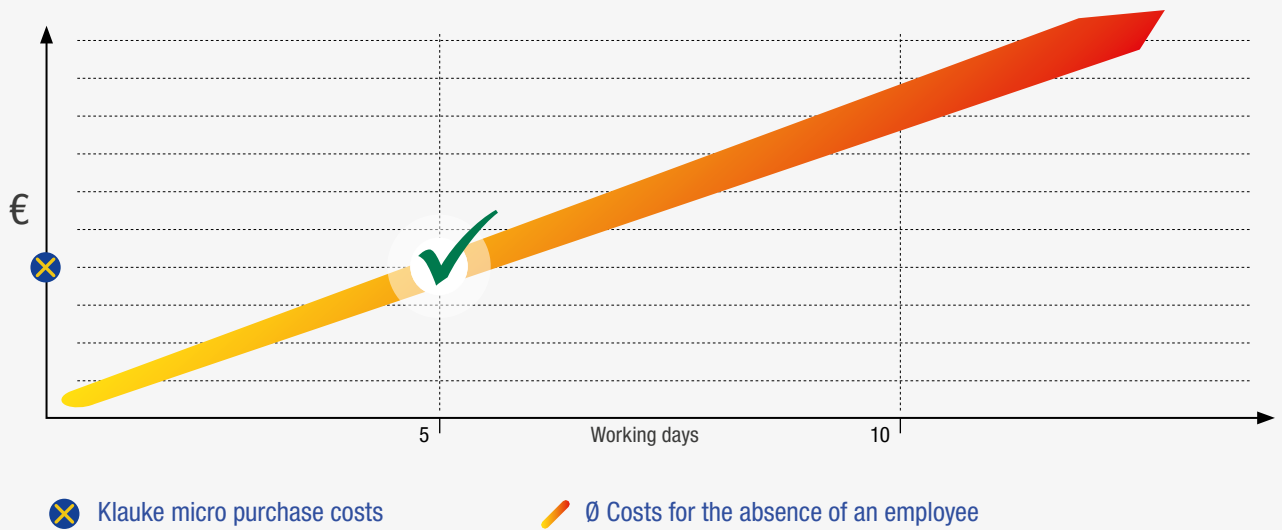
„An investment that pays off“

The enormous relief to nerves and muscles thanks to the PowerSense function pays off, especially when you consider the potential costs of employee absence e.g. due to carpal tunnel syndrome.

- **Less overload phenomena**
- **Fewer absences and schedule delays**
- **Greater planning reliability for all**

Sick leave is expensive.

Investing in the right tool quickly pays off.



Even more planning reliability for you



Benefit of extended warranty
at tool registration:

<http://werkzeugregistrierung.klauke.com/en/login-tool-registration/>

Micro compact and convenient



Versatile

for comfortable crimping of cable connections, cable end-sleeves and cable lugs



Balanced and drop-proof

thanks to key ring for use with balancer or for securing in field work



LED light

to illuminate working area

Smart and powerful

with multi-function LED for maintenance control and data transfer as well as a powerful lithium-ion battery with charge level indicator



Innovative

single-lever control for all tool functions



THE CRIMPING INNOVATION FROM KLAUKE

Klauke® *micro*

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
Environmental temperature	-10 °C up to +40 °C

Suitable for

Tubular cable lugs and connectors – Cu, standard design
Solderless terminals (DIN 46234) and pin terminals (DIN 46230), solderless connectors (DIN 46341)
Cable end-sleeves
Insulated cable connections
Non-insulated receptacles

Article

Electromechanical crimping tool 0.14 - 50 mm² **EK50ML**

Scope of supply

Battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)	RAML1
Charger for 10.8 V Li-Ion batteries, 230 V	LGML1
Crimping die for insulated connectors 0.5 - 6 mm ²	IS5071

Accessories












USB adapter	PGA1
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Variants

Electromechanical crimping tool 0.14 - 50 mm² with RAM L1 battery, excl. charger, crimping die, plastic case **EK50ML-L**

L-BOXX with electromechanical crimping tool EK 50 ML 0.14 - 50 mm² and extensive additional equipment **LBOXXEK50ML**

Connecting material Crimping range Crimping profile

	0.75 - 25 mm ²	 
	0.5 - 10 mm ²	
	0.14 - 50 mm ²	
	0.1 - 16 mm ²	
	0.25 - 6 mm ²	

You will find more available dies in our catalogue or at www.klauke.com



And so do requirements.

Times change.



Klauke® micro

Strong brands for your success:



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