



SO FAST IN SERIES PRODUCTION - THE KLAUKE MICRO

The Klauke Micro is as convenient and quick as a mechanical tool, and just as powerful and easy to handle as a battery-powered hydraulic tool. Compact and portable in one device! Thanks to the innovative PowerSense technology. This tool simplifies your work like never before.



Klauke® *micro*

► Manual pre-clamping - motorized crimping

- Flexible to use with interchangeable crimping dies
- Broad application range of up to 50 mm²
- With LED illumination of the crimp position and the work area
- Low weight (< 1 kg)
- Intuitive operation thanks to PowerSense function
- Electronic control with ratchet function and motor stall protection
- Automatic retraction
- Long service life with servicing intervals of 35,000 cycles
- 3 year warranty on tool registration

Link to tool registration:
www.klauke.com/en/werkzeugregistrierung/login-tool-registration/





Crimping

Electro mechanical crimping tool

EK 50 ML Electromechanical crimping tool 0.14 - 50 mm²



K50
SERIE

- ▶ The Klauke micro with intuitive PowerSense function combines the benefits of manual crimping tools with the convenience of battery powered hydraulic crimping tools
- ▶ Excellent crimps with minimum effort

Characteristics

- Simple and safe: One-button operating concept for controlling all tool functions
- Electronic control with locking function monitors full closing of the dies
- Simple and safe: Automatic retraction when operation is complete
- Manual retract as required
- Motor stall protection
- Ergonomic 2C housing in the Klauke "In-line Design"
- Tool fixing point for use with balancer aid or lanyard
- Very low weight and high speed for maximum efficiency
- Powerful drive technology for effortless operations
- Powerful 10.8 V Li-Ion battery with charge status display
- LED for work area illumination
- Maintenance display via LED

Suitable for

- 50-series interchangeable dies

Technical data		
Crimping force	max. 15 kN	
Crimping range	0.14 - 50 mm ²	
Number of crimps	approx. 300 at 10 mm ² Cu DIN 46234 / per battery charge	
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	
Item	Part No.	
Electromechanical crimping tool 0.14 - 50 mm ²	EK50ML	
Scope of supply	Part No.	Page
Battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)	RAML1	493
Charger for 10.8 V Li-Ion batteries, 230V	LGML1	495
Crimping dies IS 50, double crimping, 0.5 - 6 mm ²	IS501	
Plastic case 450 x 370 x 105 mm	KKEK50ML	
Variants	Part No.	Page
Electromechanical crimping tool 0.14 - 50 mm ² with RAML1 battery, no crimping die, case, charge	EK50ML-L	
L-BOXX with electro-mechanical crimping tool EK 50 ML 0.14 to 50 mm ² and extensive additional equipment	LBOXXEK50ML	



Available dies of series 50 for EK 50 ML

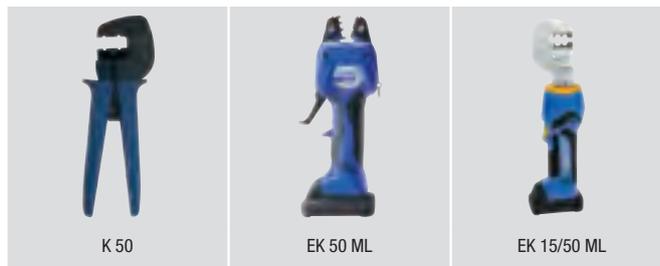
Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Copper tubular cable lugs and connectors				
Tubular cable lugs and connectors, standard type		0.75 - 10		326
Tubular cable lugs and connectors, standard type		6 - 25		326
Tubular cable lugs and connectors for solid conductors		1.5 - 10		326
Copper compression cable lugs and connectors acc. to DIN				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1)		6 - 25		326
Terminals, connectors and pin terminals acc. to DIN, copper				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		0.5 - 10		326
Cable end-sleeves				
Cable end-sleeves		0.14 - 50		326
Cable connections, insulated and non-insulated				
Insulated cable connections, double crimping		0.1 - 6		327
Insulated cable connections, single crimping		0.5 - 16		327
Non-insulated receptacles		0.25 - 6		327
BNC connectors for coax cables RG 58, 59, 60 and 71				327
Turned pin connectors and receptacles		0.1 - 4		327

THINK OF YOUR HEALTH!

Frequent manual crimping eventually leads to over-strain in the wrist and lower arm. To crimp with the EK 50 ML, you only need around 10% of the manual force required by a mechanical hand tool. Motorised crimping with the EK50ML is an investment that pays off!



K50 SERIE



Crimping dies R 50, indent crimping



Suitable for

- Tubular cable lugs and connectors - Cu, standard type

Cross section mm ²	For item	Part No.
0.75 - 2.5	91R, 92R, 93R	R501
4 - 10	94R, 95R, 2R	R502

Crimping dies D 50



Suitable for

- Compression cable lugs to DIN 46235 and connectors to DIN 46267, part 1 - Cu

Cross section mm ²	Part No.
6 - 16	D504
16 - 25	D505

Crimping dies R 50, hexagonal crimping **NEW**



Suitable for

- Tubular cable lugs and connectors - Cu, standard type

Cross section mm ²	Part No.
6 - 16	R504
16 - 25	R505

Crimping dies Q 50



Suitable for

- Solderless terminals to DIN 46234 and pin terminals to DIN 46230 - Cu
- Solderless connectors to DIN 46341 - Cu

Cross section mm ²	Part No.
0.5 - 10	Q501

Crimping dies M 50



Suitable for

- Tubular cable lugs and connectors for solid conductors

Cross section mm ²	Part No.
1.5 - 4	M50154
6 - 10	M50610

Crimping dies AE 50

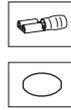


Suitable for

- Cable end-sleeves

Cross section mm ²	Part No.
0.14 - 10	AE501
10 - 25	AE502
35 - 50	AE503

Crimping dies IS 50, single crimping

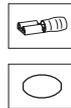


Suitable for

- Insulated cable connections, single crimping

Cross section mm ²	Part No.	for item
10 - 16	IS5072	ST1716IS, ST1717IS, 652C5, 652C6, 653C6
0.5 - 2.5	IS504	670 WS, 680 WS
4 - 6	IS505	700 WS

Crimping dies IS 50, double crimping

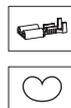


Suitable for

- Insulated cable connections, double crimping

Cross section mm ²	Part No.	for item
0.5 - 6	IS501	
0.1 - 1	IS503	8201-8201B

Crimping dies CR 50



Suitable for

- Non-insulated receptacles

Cross section mm ²	Part No.	for item	Tab Width
0.25 - 6	CR501		2.8 / 6.3
0.5 - 2.5	CR502		4.8
0.5 - 1	CR503	38201, 38201A	2.8
0.5 - 2.5	CR504	3720, 3735	6.3
0.5 - 1.5	CR505	3725	6.3

Crimping dies BNC 50



Suitable for

- Stud and shielded sleeves
- BNC plugs for coax cable RG 58, 59, 62 and 71

Part No.
BNC501

Crimping dies SB 50



Suitable for

- Turned pin receptacles
- Pin connectors

Cross section mm ²	Part No.
0.1 - 1; 1.5 - 2.5; 4	SB501



L-BOXX 65B from plastic with standard equipment for electrical installations



► Comprehensive equipment for conductor preparation, comprising cable cutter, cable knife, crimping tool and connectors

Characteristics

- Manufactured from shock and impact resistant ABS plastic, very robust, 100 kg capacity
- Stackable using an Easy-Click system, which allows easy opening and closing

Item	Dimension mm	Part No.
L-BOXX from plastic with standard equipment for electrical installations	442 x 357 x 117	LBOXX65B

Scope of supply	Description	Quantity	Page
K05	Crimping tool for tubular cable lugs and connectors, standard type 6 - 50 mm ²	1	235
K100	Hand-operated cutting tool for Cu and Al cables to 14 mm dia.	1	364
KL740416	Cable knife, without blade 4 - 16 mm dia.	1	552
1R6	Tubular cable lug without inspection hole, 6 mm ² , M6, Cu tinned	25	14
1R8	Tubular cable lug without inspection hole, 6 mm ² , M8, Cu tinned	25	14
2R6	Tubular cable lug without inspection hole, 10 mm ² , M6, Cu tinned	25	14
2R8	Tubular cable lug without inspection hole, 10 mm ² , M8, Cu tinned	25	14
3R10	Tubular cable lug without inspection hole, 16 mm ² , M10, Cu tinned	25	14
4R8	Tubular cable lug without inspection hole, 25 mm ² , M8, Cu tinned	20	14
4R10	Tubular cable lug without inspection hole, 25 mm ² , M10, Cu tinned	20	14
5R8	Tubular cable lug without inspection hole, 35 mm ² , M8, Cu tinned	20	14
5R10	Tubular cable lug without inspection hole, 35 mm ² , M10, Cu tinned	20	14
6R10	Tubular cable lug without inspection hole, 50 mm ² , M10, Cu tinned	15	15
LBOXX102LFG	L-BOXX with front handle	1	

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



Item	Dimension mm	Part No.
L-BOXX with electromechanical crimping tool EK 50 ML 0.14 - 50 mm ² and extensive additional equipment	442 x 357 x 151	LBOXXEK50ML

Scope of supply	Description	Quantity	Page
RAML1	Battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)	1	493
LGML1	Charger for 10.8 V Li-Ion batteries, 230 V	1	495
K118	Hand-operated cutting tool for Cu and Al cables to 12 mm dia.	1	364
KL645GSK	Cable knife with blade protection, 1,000 V	1	520
AE502	Crimping dies AE 50, 10 - 25 mm ²	1	326
47612	Insl. cable end-sleeve, 10 mm ² , 22 mm	50	141
47712	Insl. cable end-sleeve, 16 mm ² , 24 mm	50	142
47818	Insl. cable end-sleeve DIN 46228 part 4, 25 mm ²	25	142
R505	Crimping dies R 50, 16 - 25 mm ²	1	326
3R8	Tubular cable lug without inspection hole, 16 mm ² , M8, Cu tinned	25	14
4R8	Tubular cable lug without inspection hole, 25 mm ² , M8, Cu tinned	25	14
AE503	Crimping dies AE 50, 35 - 50 mm ²	1	326
47918	Insl. cable end-sleeve DIN 46228 part 4, 35 mm ²	25	142
48025	Insl. cable end-sleeve DIN 46228 part 4, 50 mm ² , 40 mm long	20	142
IS5072	Crimping dies IS 50, single crimping, 10 - 16 mm ²	1	327
652C6	Insl. solderless terminal M6, 10 mm ² , fork-type	50	80
LBOXX136LFG	L-BOXX with front handle (W/D/H: 442 x 357 x 151 mm)	1	