



## Crimping

Electro mechanical crimping tool

### EK 50 ML Electromechanical crimping tool 0.14 - 50 mm<sup>2</sup>



**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
- Project-based reporting with Klauke i-press® software package

#### Suitable for























- 50-series interchangeable dies

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

Item	Part No.	
Electromechanical crimping tool 0.14 - 50 mm <sup>2</sup>	EK50ML	
Scope of supply		Page
Battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)	RAML1	485
Charger for 10.8 V Li-Ion batteries, 230V	LGML1	487
Crimping dies IS 50, double crimping, 0.5 - 6 mm <sup>2</sup>	IS501	
Plastic case 450 x 370 x 105 mm	KKEK50ML	
Variants		Page
Electromechanical crimping tool 0.14 - 50 mm <sup>2</sup> 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 <sup>2</sup> and extensive additional equipment	LBOXXEK50ML	198



## Available dies of series 50 for EK 50 ML

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile	Page
<b>Tubular cable lugs and connectors, Cu</b>				
Tubular cable lugs, Cu, standard type		0.75 - 10		312
Tubular cable lugs and connectors, Cu, standard type		6 - 25		312
Tubular cable lugs and connectors for solid conductors, Cu		1.5 - 10		312
<b>Compression cable lugs and connectors acc. to DIN - Cu</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1)		6 - 25		312
<b>Terminals, connectors and pin terminals acc. to DIN - Cu</b>				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		0.5 - 10		312
Insulated solderless terminals and connectors		10 - 16		313
<b>Cable end-sleeves</b>				
Cable end-sleeves		0.14 - 50		312
<b>Cable connections, insulated and non-insulated</b>				
Insulated cable connections, single crimping		0.5 - 16		313
Insulated cable connections, double crimping		0.1 - 6		313
Non insulated receptacles		0.25 - 6		313
for pin and shielded receptacles, BNC connectors for coax cables RG 58, 59, 60 and 71				313
Turned pin connectors, pin receptacles		0.1 - 4		313

## 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!

