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**Battery-powered crimping tools**



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



**Characteristics**

- One-button operating concept for controlling all tooling functions
- Electronic control with lock function monitors complete closing of the die
- Automatic retraction when operation is complete
- Manual retraction in case of need
- Motor stall protection in case of faulty operation
- Ergonomic 2-component housing in Klauke "In-line design"
- Mounting lugs for use with balancer or as fall protection when used outdoors
- Very low weight and high speed for maximum efficiency
- Powerful drive technology for effortless operations
- High-performance 10.8 V Li-Ion battery - with charge status display
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via optional interface and USB adapter
- Project-relevant recording with Klauke i-press software package

**Suitable for**

- For interchangeable dies, series 50



























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Article	Part No.
Electromechanical crimping tool 0.14 - 50 mm <sup>2</sup>	EK50ML



Crimping force	max. 15 kN
Crimping range	0.14 - 50 mm <sup>2</sup>
Crimping cycle	< 1,5 s (depending on connecting material)
Number of crimps	approx. 300 at 10 mm <sup>2</sup> 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 to +40°C

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile	
<b>Copper tubular cable lugs and connectors</b>				
Tubular cable lugs and connectors, standard type		0.75 - 10		<a href="#">Crimping dies R 50</a>
Tubular cable lugs and connectors, standard type		16 - 25		<a href="#">Crimping dies R 505</a>
Tubular cable lugs and connectors for solid conductors		1,5 - 10		<a href="#">Crimping dies M 50</a>
<b>Copper compression cable lugs and connectors acc. to DIN</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1)		16 - 25		<a href="#">Crimping dies D 505</a>
<b>Terminals, connectors and pin terminals acc. to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		0,5 - 10		<a href="#">Crimping dies O 50</a>
<b>Cable end-sleeves</b>				
Cable end-sleeves		0,14 - 50		<a href="#">Crimping dies AE 50</a>
<b>Cable connections, insulated and non-insulated</b>				
Insulated cable connections, double crimping		0,1 - 6		<a href="#">Crimping dies IS 50, double crimping</a>
Insulated cable connections, single crimping		0,5 - 16		<a href="#">Crimping dies IS 50, single crimping</a>
Non-insulated receptacles		0,25 - 6		<a href="#">Crimping dies CR 50</a>
BNC connectors for coax cables RG 58,59,60 and 71				<a href="#">Crimping dies BNC 50</a>
Turned pin connectors and receptacles		0,1 - 4		<a href="#">Crimping dies SB 50</a>

Item		Part No.
	Battery 10,8 V / 1,5 Ah, Li-Ion (16,2 Wh)	RAML1
	Charger for 10,8 V Li-Ion batteries, 230V	LGML1
	Crimping die for insl. connector 0.5 - 6 mm <sup>2</sup>	IS5071
	Plastic case	KKEK50ML

Item	Part No.
 USB adapter	PGA1

Item	Part No.
 Electromechanical crimping tool 0.14 - 50 mm <sup>2</sup> with RAML1 battery, without charger, crimping die, case	EK50ML-L
 L-BOXX with electromechanical crimping tool EK 50 ML 0.14 - 50 mm <sup>2</sup> and extensive additional equipment	LBOXXEK50ML

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