



QP LITE

quality tools



UPGRADABLE CRIMP FORCE MONITORING HIGH QUALITY, INTERLACED, EXPANDABLE

QP LITE

The QpLite is a Basic-plus crimp force monitoring device that can be used with benchtop crimping presses. The device monitors the crimp quality through the crimp force curves collected from each crimp.

Premium quality, easy to use

- Intuitive touch screen for simple operation.
- Easy tolerance setting.
- Maximum operation safety through user profile management and function access control.

Perfect quality documentation / high connectivity

- Ethernet data logging as a standard feature.
- QpLite communicates directly with an optional quality station so that the data can be compared with the specifications.
- Automatic job report generation.

Upgradability with software licences, no hardware change

- Device function upgrade without hardware change necessary.
- Optional headroom analysis and material verification function.
- Optional quality validation by connected quality tools through ethernet.
- 100% traceability with full job and quality information.





Perfect options available

The QpLite with its ethernet network adapter is fully compatible with other quality tools. The following options fit perfectly, but are not included in the QpLite product:

Material verification with barcode scanner

- Material verification including operator, machine, applicator, wire(s), terminals, seals etc.
- Scanned data will be compared with QpNet database (optional). Process will be blocked if materials are not in conformity to specs.

Connectivity to Quality station

- Ethernet communication between QpLite to quality station(s) such as Qstat 100.
- Guided quality validation including crimp height, crimp width and pull force measurement.
- Quality validation data is automatically saved into database with job information.

Network capability with QpNet

- Article database for material verification and quality validation.
- Realtime machine status monitoring and data logging.
- Web server enables remote accessibility.

Technical data

| | |
|------------------------|---|
| Cross section range | 0.13 – 6 mm ² (AWG 26 – 10) |
| Operating voltage | 12 V DC |
| Power adapter | Ext. adapter, Input: 100 – 240VAC 50/60 Hz, output: 12V, 0 – 2A |
| Dimensions (L x W x H) | 35 x 50 x 105 mm |
| Weight | 575 g |

01
Easy to handle with touchscreen.

02
Perfect overview on crimp quality details.

03
The tolerance is adjusted with a simple slider.

04
Diagnostic parameters are set either automatically or as shown manually.



01



02



03



04

Komax – leading the field now and in the future

As a pioneer and market leader in the field of automated wire processing, Komax provides its customers with innovative and sustainable solutions for any situation that calls for precise contact connections. Komax manufactures series and customer-specific machinery for various industries, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent networking solutions complete the portfolio, and ensure safe and efficient production. Komax is a globally active Swiss company with development and production facilities on several continents. Komax uses its extensive distribution and service network, which includes local companies and their employees, to support customers across the world on site, thus ensuring the availability and value of their investments after equipment commissioning through standardized service processes.



Market segments

Komax offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.

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