



komax

QCenter



software & networking

SIMPLE INTEGRATION OF MEASURING DEVICES



The QCenter software integrates the crimp-height and pull-out-force measurement devices in the production process. Thanks to a simple identification function, the measurement devices can be used for as many as 20 crimpers. The QCenter only releases production if the measured values are within the required tolerances. The measured data can be transmitted via the MIKO interface to an MES, where it is stored and evaluated. Komax Print is available as an alternative. With its assistance, a measurement report is generated automatically when a machine is released for production. Through networking, Komax QCenter ensures qualitatively intact production and traceability, thereby promoting the economical use of the machinery.

Quality and efficiency

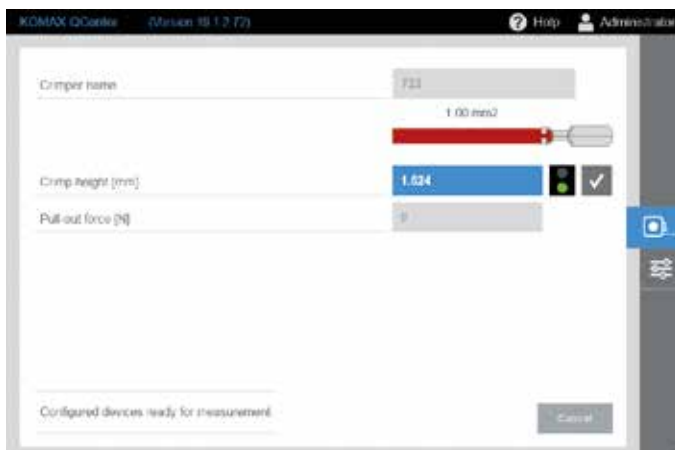
- Production is not released until the measured values are within the required tolerances
- The QCenter prevents errors caused by manual data entries
- As many as 20 crimpers are identified

User-friendly technology

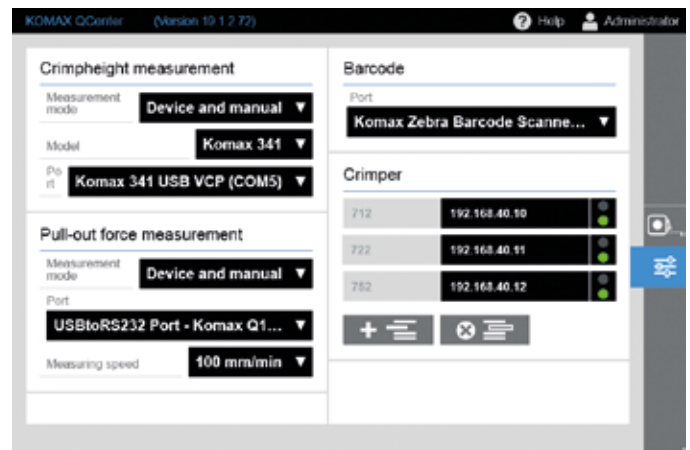
- Simple user interface
- Integration of the K341 and Q1210 measurement devices and of a bar code scanner for crimper identification
- The operator is guided through all required measurement processes

Traceability

- The Komax Print software enables quality data to be saved in a measurement report
- The measurement data can be read out via the MES



Key information at a glance:
Crimper name, crimp height and pull-out force.



Uniform display with simple control elements.

Quality

The electronic recording and transmission of data precludes the manual entry of incorrect values. Measurements are conducted fully automatically in the correct order. Production is not released until all measurements have been conducted successfully. In combination with the MIKO interface, the QCenter software ensures the correct quality control steps in real time.

Efficiency

The measurement devices can be used jointly by as many as 20 crimpers. The crimpers share the measurement devices for crimp height and pull-out force (K341 and Q1210). Before the measurement run, the machine involved is recorded or identified with a bar code scanner. After that, communication begins between the QCenter and the crimper involved. In combination with MIKO, the QCenter helps substantially improve the effectiveness of the machinery.

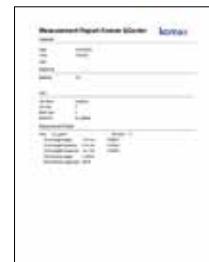
User-friendly technology

The ultra simple user interface guides the operator reliably through the processes:

- Identification using the crimper name
- Display of the wire color and the conductor cross section to check that a correct sample is present
- Traffic light to show that the measured values comply with the tolerances
- Display of the measured values
- Guidance through the entire setup process

Traceability

The MIKO data interface (Manufacturing Interface Komax) ensures the data exchange between the QCenter software and the crimpers. **With the assistance of Komax Print, a measurement report is generated and automatically saved locally.** Using the MIKO interface, jobs and article data can also be sent via a control center and the measured quality data can be read out for the purpose of traceability or optimization.



Automatically created measurement report

The MIKO is the interface between the crimper and the MES or QCenter



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 for 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.

40
YEARS
CUTTING
EDGE

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.



Komax AG
Industriestrasse 6
6036 Dierikon, Switzerland
Phone +41 41 455 04 55
Fax +41 41 450 15 79

komax
komaxgroup.com