



# QSTAT Pro

quality tools

**komax**

# GUARANTEEING QUALITY

## PRECISE AND EFFICIENT

### Qstat Pro

The Qstat Pro is a motorized bench top Pull-Tester equipped with a PWM speed controller, ensuring consistent pull rates throughout the entire measuring range; with the standard 12 position terminal holder pull force of crimp connection as well as ultrasonic metal welding connection on a broader range of wires.

It also acts as a Quality Verification Station for wire harnessing shop-floor and can integrate with other quality tools to generate reports

#### User friendly and efficient

- Multi Language support
- Visualisation of pull force profile
- Job Queue status button for browsing of outstanding Quality Verification job sent by CFM (such as QpLite or Qpex)
- Able to work as a stand alone station or as an integrated station for automatic machine

#### Connectivity

- Through Serial Communication Interface the Qstat Pro allows external micrometer to be connected for crimp height / crimp width measurements. A One-Stop Quality Station for Wire Harnessing shop floor.
- Fully integrated with Crimp Force Monitoring System to retrieve Quality Validation data of crimp connection specification via LAN, to prevent production of wrong specification crimp connection



## Technical Specifications

Display	Large Graphical LCD
Measuring Range	0 - 1,000 Newton
Measuring Units	N, Kgf, Lbf
Speed	50mm, 100mm / min
Accuracy	<1% of full range
Resolution	0.1 N
Communication	RS232, Serial Communication Ethernet LAN
Connectivity	Mitutoyo micrometer
Power Requirement	85 – 265 VAC; 50 Watts
Dimension and Weight	180 (L) x 90 (W) x 360 (H) Approx. 10 Kg



**01**  
Large LCD panel to show pull force profile in real time

**02**  
Flexible terminal holder that holds almost any terminal

**03**  
Multiple communication I/O for easy integration with other quality tools

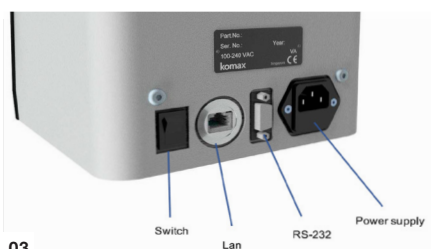
**04**  
Improved wire clamp to prevent slippage



01

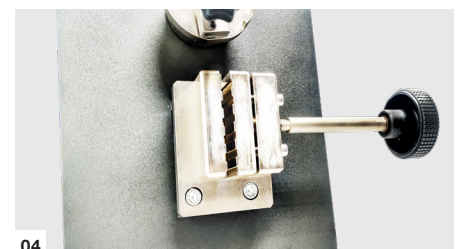


02



03

Switch Lan RS-232 Power supply



04

## Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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