QP LITE2

quality tools

QpLite

	1345.6	lbs	CPK	1.75	
	0	%	SD	0.6	%
	2	%	Good	8	
△1	0.0	%	Bad	2	
△2	0.0	%	Prog.	C*	

- 3.0   - 0.5   5.0
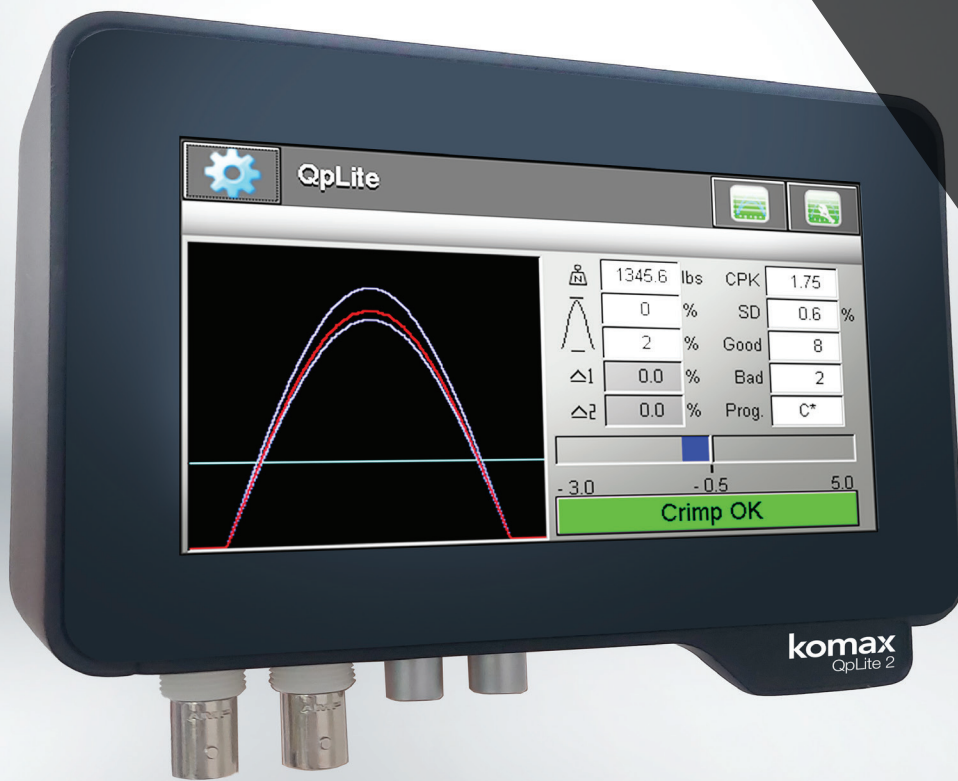
Crimp OK

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QpLite 2

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NEW AND IMPROVED
HIGH QUALITY, SCALABLE, AND INTUITIVE

QP LITE2

The QpLite2 is a scalable crimp force monitoring (CFM) device that can be integrated with single and double channel benchtop crimp presses.

The device monitors the crimp quality through the crimp force curves collected from each crimp.

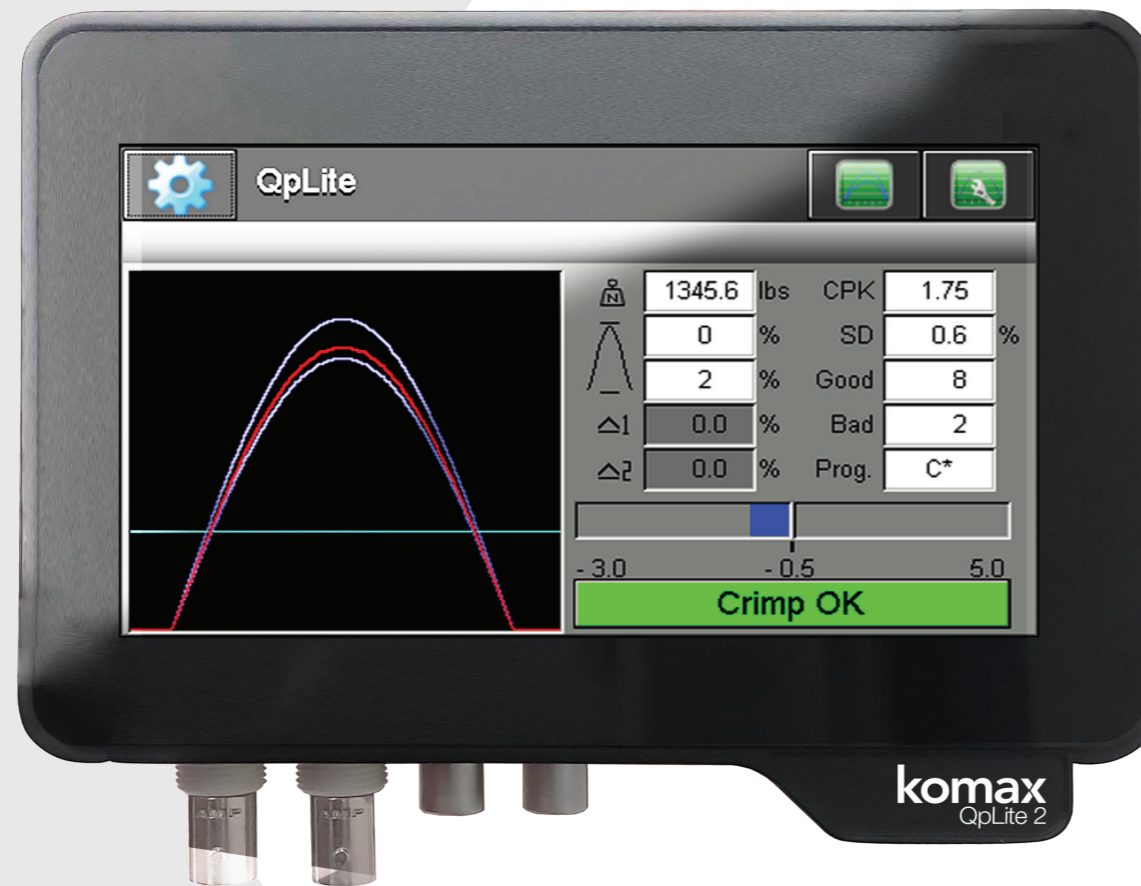### Scalable solution with module selection
– Software licenses for optional headroom analysis and material verification functions
– Address growing requirements with function upgrade without replacement of hardware

Premium quality, user friendly
– Capacitive touchscreen for simple operation
– Presentation of key information at a glance

Networked solution for quality control
– Ethernet data logging with QpNet central management system for report generation
– Expandable quality tools ecosystem with ability to integrate with micrometers and pull testers for crimp height, crimp width, and pull force measurements for comprehensive reporting

Customisable tolerance profiles
– Up to 8 customisable tolerance profiles
– Suitable for high-mix production in non-networked operations for quick changes in production

Noise filtering algorithm
– Processing of crimp force curves in unstable production environments to ensure production efficiency
– Also compatible with different crimp press bodies
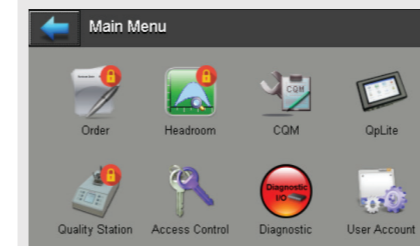
Variable crimp force sampling times
– Self-adjusting crimp force sampling time to support different range of wires
– Suppport small to high voltage wire crimp production
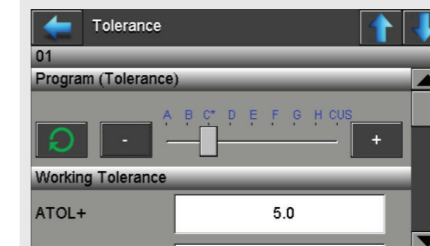
Networking capability with QpNet
– Article database for material verification and quality validation
– Real-time machine status overview and data logging
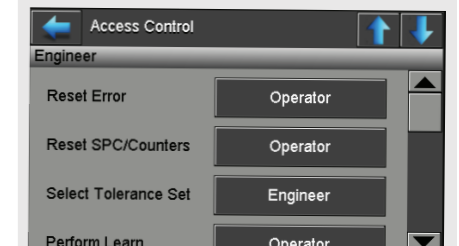– Optional remote accessibility

Technical Specifications

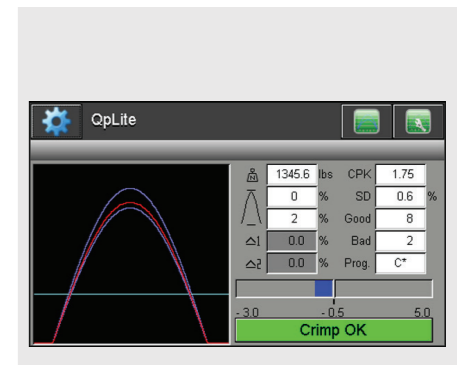| Cross Section Range	0.13 – 6 mm^2 (AWG 26 – 10)
Operating Voltage	24 V DC
Dimensions (L × B × H)	146 × 109 × 55 mm
Weight	575 g

komax
QpLite 2

01
Key statistics of crimps produced
02
Scalable modules (Pay for only what you need)
03
Customisable tolerance profiles
04
Customisable user rights for every single function

01

02

03

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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QpLite2 V0 08-2023
Subject to change