



# \$1440

seal module

**komax**

## S1440

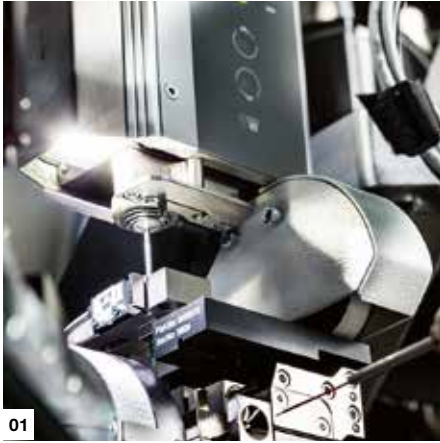
The S1440 seal module is an innovative device for the automatic loading of all customary varieties of seals, including mini-seals. Precision mechanics combined with seal position monitoring (SPM) ensure a high degree of process reliability. With its excellent accessibility, the optional integrated visual seal monitoring and the automatic setup of the seal position, this device is the ideal module for the latest generation of Komax fully automatic crimping machines.

### State of the art efficiency and precision

- Automatic setup and monitoring of the seal position
- Highly reliable processing
- Convenient to operate
- Allows use of existing applications
- Processes 350 different seals

## PROCESS MODULE OF THE LATEST GENERATION





01

### Automatically fast, highly productive and compellingly simple

The module can be converted from one type of seal to another quickly and without complication. In addition, the compact design and easy accessibility guarantee maximum flexibility. The most important functions are controlled from one of the membrane keyboards attached on both sides.



02

### Unique – reliable seal position monitor (SPM)

A highly precise laser sensor measures the position of the seal on the cable. The seal position is set up automatically. The module monitors the seal position and stripping quality in each loading operation and detects pierced and turned seals on the cable. Positioning is subsequently adjusted to compensate for material fluctuations. The last 100 SPM images can be viewed in the statistics. This allows you to evaluate overall production in dialog with TopWin.



03

**01**  
Interactive process lighting and reliable error detection assist you during manufacturing.

**02**  
The SPM-laser sensor reliably detects the seal position, the stripping quality and any pierced and turned seals.

**03**  
The right application set for every seal version.

The conveyor unit is an integral part of the application sets and compatible with Komax's mci 761, mci 762, mci 765 seal modules and the bt 752 manual work station.



## Technical data

Seal data	Maximum diameter of 10 mm (0.39 in) Maximum length of 11 mm (0.43 in)
Loading output	About 4,500 pcs/h
Conversion times	2–5 minutes
Seal position monitoring (SPM)	Available as an option or as a retrofit kit
Communication	EtherCAT
Electrical connection	230 VAC, 50/60 Hz
Compressed air connection	Oil-free compressed air 5–8 bar (72.25–116 psi)
Dimensions (L x W x H)	225 x 535 x 500 mm (8.9 x 21.1 x 19.7 in)
Weight	About 28 kg (62 lb)

## 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. It supports customers locally in more than 60 countries with its extensive distribution and service network, ensuring the availability and value of their investments after equipment commissioning through standardized service processes. Komax includes more than 30 companies worldwide and employs around 1700 members of staff.

**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.**



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