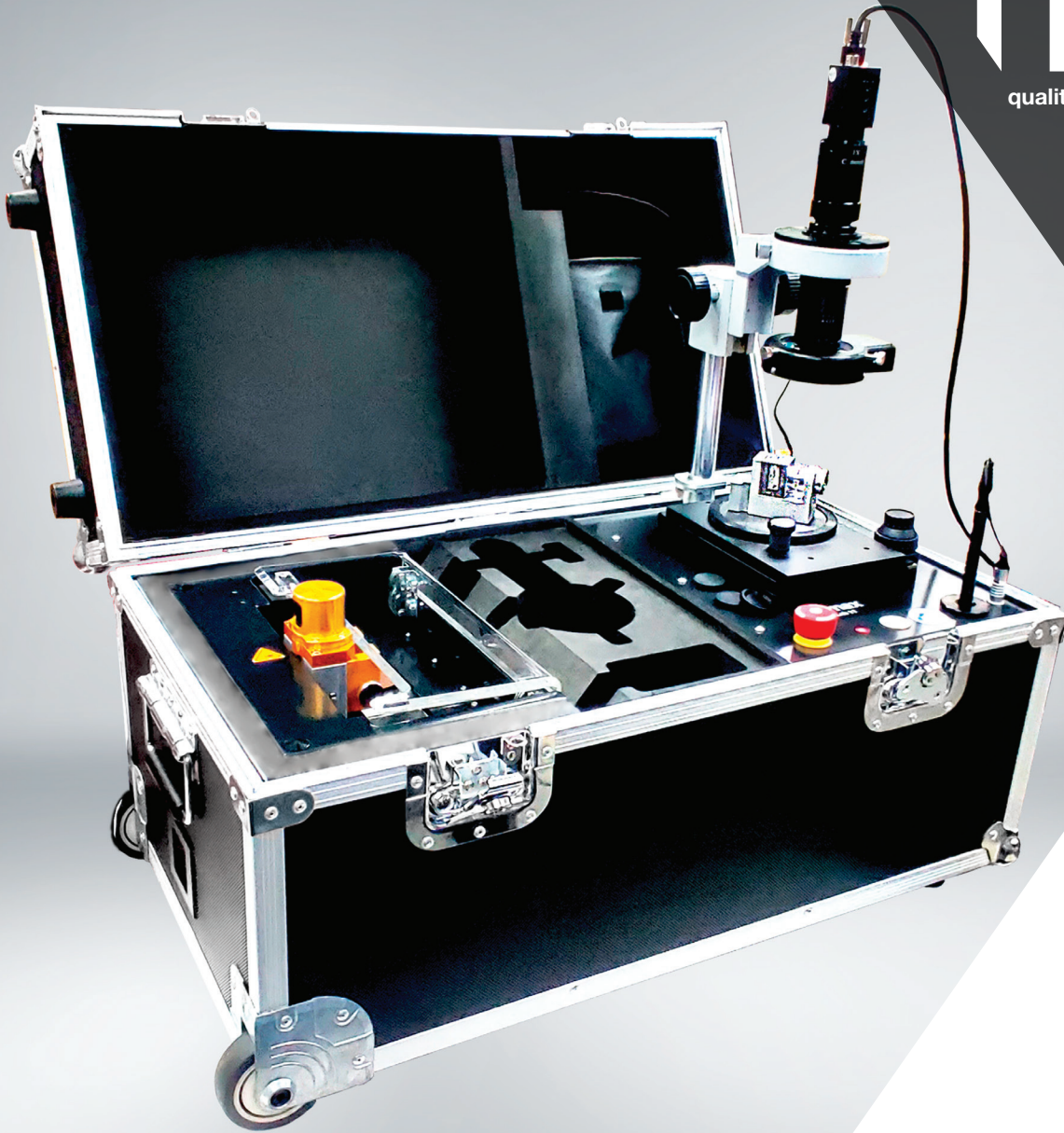




# MICROLAB 11

quality tools



# ALL-IN-ONE COMPACT, MOBILE MICROGRAPH

## MICRO LAB11

The MicroLab 11 is a portable all-in-one micrograph laboratory solution with integrated automatic cutting and semi-automatic grinding functions.

It provides maximum mobility and flexibility while maintaining a minimum footprint. A high-resolution camera together with Smart Vision v.3 evaluation module provides users with superior micrograph analysis capability with minimum investment.

### **Suitable for smaller wires**

- Process small cross sections from 0.05 mm<sup>2</sup> to 15 mm<sup>2</sup>
- Complement small volume production

### **Mobile and convenient**

- Compact all-in-one unit
- Strong hardcase to withstand potential shock during transportation

### **Efficient etching and imaging process**

- Environmentally friendly and safe-for-handling electrolyte fluid
- Glass ruler included for periodic calibration of measuring system



## Technical Specifications

### Cutting Module

Range	0.05 – 15.00 mm <sup>2</sup>
Speed	2800 rpm
Feed Rate	~2 mm/sec
Cutting Wheel	ID: 16 mm, OD: 100 mm, Thickness: 0.5 mm

### Polishing Module

Speed	2800 rpm
Feed Rate	~6 mm/sec
Adjustable Grinding Range	0.00 – 5.00 mm
Adhesive Sandpaper OD	100 mm

### Etching Module

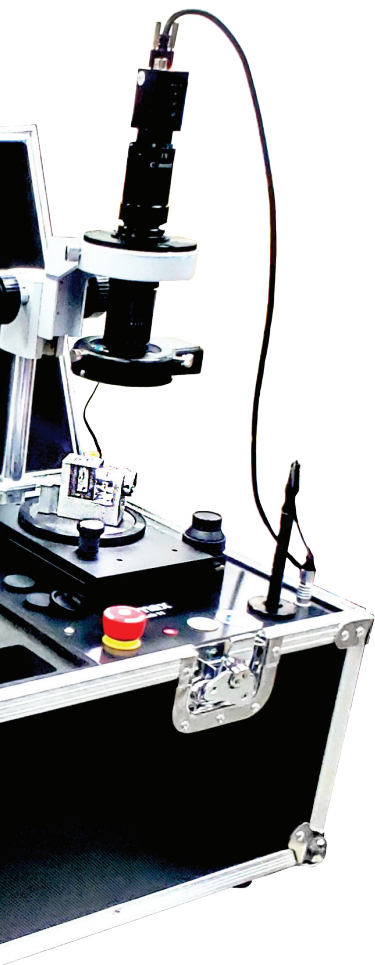
Processing Time	2 – 30 sec
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### Imaging Module

Magnification Range	0.75x, 1x, 1.5x, 2.0x, 2.5x, 3.0x, 3.5x, 4.0x, 4.5x, 5.0x
Field of View	1.2 mm – 8.2 mm (X-direction)

### Weight and Dimensions

Device Weight	35 kg
Device Dimensions	490 × 340 × 340 mm



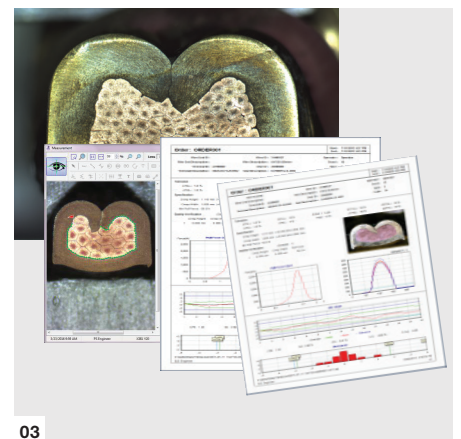
- 01** Rugged exterior
- 02** Multi-direction panning and micro-adjustment X-Y table
- 03** Customisable report template for Evaluation



01



02



03

## 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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**komax**