



- ☞ Compact, easy to operate
- ☞ Low cost, short pay back time
- ☞ Automatic feed & retract Cutting module
- ☞ High Speed with fine adjustment Grinding module
- ☞ Optional electrolyte Etching module
- ☞ Easy fixation station for sample holder
- ☞ Acrylic safety cover, no safety glasses during sample processing
- ☞ High Quality low distortion Optic Imaging module
- ☞ Secure mechanism for Optic during transportation
- ☞ Super bright white LED illumination, low heat
- ☞ Integrated fine adjustment X, Y, Z table
- ☞ Come with calibration ruler from Heidenhain
- ☞ 1.3 Mpixels USB 2.0 Camera with SL Vision II Evaluation & Documentation module

**MICROGRAPH LABORATORY - SBL micro2**  
**EASY TO USE, FAST and RELIABLE**

# Technical Specifications:

## Cutting Module

- Range 0.22mm<sup>2</sup> to 6.00mm<sup>2</sup>
- Speed 2800 rpm
- Feed rate 2mm/sec
- Cutting Wheel ID-12.7mm, OD-100mm, Thickness-0.5mm

## Grinding Module

- Speed 2800 rpm
- Z adjustable range for grinding 0.0mm – 2.0mm
- Adhesive sand paper OD-100mm

## Etching Module (Optional)

- Range up to 6mm<sup>2</sup>, electrolyte process
- Processing time 5 to 30 sec

## Imaging Module

- High Quality Monocular Scope, c/w standard 10x Eyepiece
- Magnification range 0.75x, 1x, 1.5x, 2.0x, 2.5x, 3.0x, 3.5x, 4.0x, 4.5x, 5.0x
- Steps indentation on 1x, 2x, 3x, 4x, 5x
- Field Of View from 1.2mm to 8.2mm (X-direction)
- Adjustable illumination with 4x Segmented super bright white LED
- Adjustable X Y Z table under scope, range +/- 6mm all axis

## Evaluation & Documentation Module

- 1.3 Mega pixels USB 2.0 camera with SL Vision II software
- Enhanced measurement tools including compression ratio etc., in compliance with Automotive Industry requirement

## Power Requirement

- 230 VAC, 50Hz , 300 Watts

## Dimension & Weight

- Weight: approx. 30 kg
- Size: 490mm (L) x 340mm (W) x 340mm (H)

- Specification is subjected to change without notice

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