

# M-SYSTEM-1

for DIE attach

M-System-1

Tresky's stand-alone manipulator **M-System-1** is an easy to use system for applications of micro handling and assembly. The force controlled z-axis and the fine movement for x,y and theta, in combination with the angle adjustable optics, makes it to an advanced assembly solution.

Low force

Zoom Camera with autofocus

Controlled Z-movement

Easy to use

Manipulator

Micro Assembly



*just place it!*

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**Dr. TRESKY AG**

## Applications:

- Die Attach
- MEMS, MOEMS
- Sensor
- Optical Components

## Technologies:

- Thermo Compression
- Eutectic Bonding
- AuSn Soldering
- Temperature Curing
- Dispensing
- UV Curing

## Techn. Specification:

- Max. Substrate Size 230 x 230mm
- Max. Component Size 50 x 50mm
- Working force 10g – 1Kg / 10g Resolution (opt. up to 5Kg)
- Movement range XY +/- 10mm; theta +/- 30°
- Travel z-axis 40mm
- Auto zoom camera (23x optical)
- Dimension 470mm x 380mm x 430mm

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