

NEW

M-SYSTEM 1

Tresky's **NEW** stand-alone manipulator **M-System** 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**

- Applications:**
- Die Attach
 - MEMS, MOEMS
 - Sensor
 - Optical Components

- Technologies:**
- Thermo Compression
 - Eutectic Bonding
 - Dispensing
 - AuSn Soldering
 - Temperature Curing
 - UV Curing

**Zoom
Camera with
autofocus**

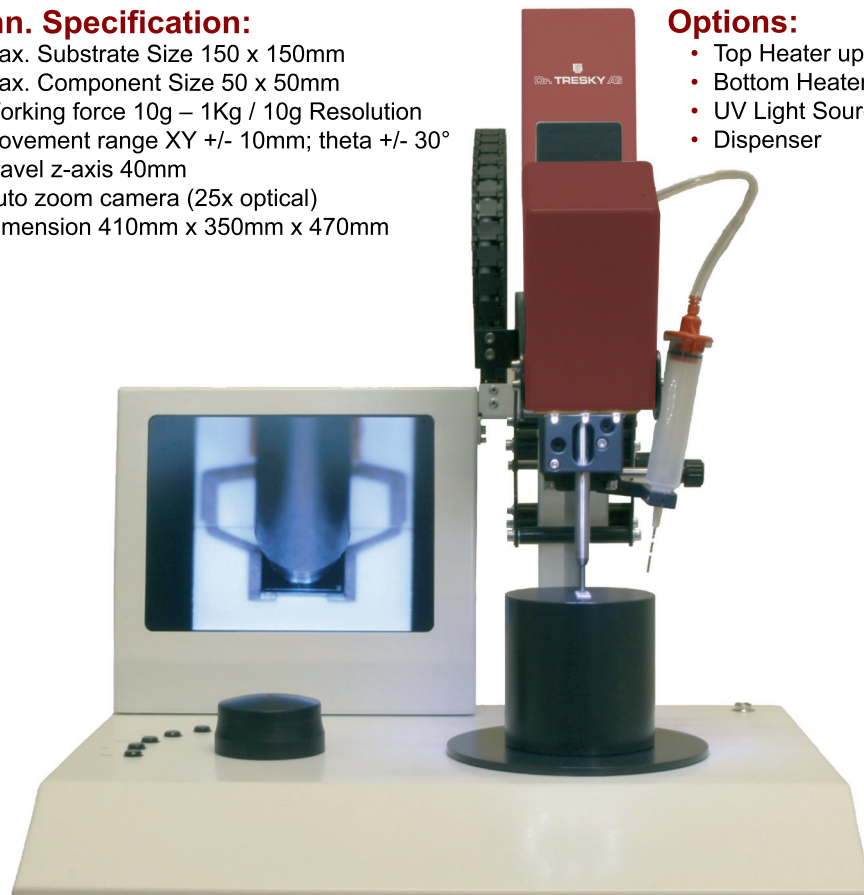
Techn. Specification:

- Max. Substrate Size 150 x 150mm
- Max. Component Size 50 x 50mm
- Working force 10g – 1Kg / 10g Resolution
- Movement range XY +/- 10mm; theta +/- 30°
- Travel z-axis 40mm
- Auto zoom camera (25x optical)
- Dimension 410mm x 350mm x 470mm

Options:

- Top Heater up to 400°C
- Bottom Heater up to 400°C
- UV Light Source
- Dispenser

**Controlled
Z-movement**



**Easy
to
use**

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