

DIE BONDER

T-3000-PRO

NEW

The **T-3000-PRO** series is Tresky's most flexible die bonding platform. The systems can run all basic functions as well as the industries most advanced applications by adding a wide range of available options. As with all of Tresky's products, the PRO incorporates True Vertical Technology™ which guarantees parallelism between chip and substrate at any bond height. Together with superior ergonomics the PRO platform is the industry's most sophisticated system in its class and with the new PC software even easier to operate.

True Vertical Technology™

Ultra precise bond-height control

Full PC-Control







Advanced multi functional Die Bonder with superior ergonomic design and programmable, high accuracy Z-Drive and bonding force control.

APPLICATIONS

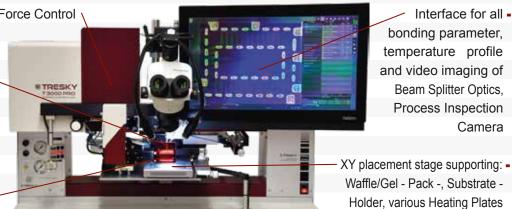
Die Attach, Die Sorting, Flip-Chip, 3D Packaging, MEMS, MOEMS, VCSEL, Photonics, Ultrasonic, Thermosonic, RFID, Sensor Assembly, Adhesive Bonding, UV Curing, Eutectic Bonding (AuAu, AuSn,),

FEATURES AND OPTIONS

Z-Drive with Bonding Force Control

- TRUE VERTICAL TECHNOLOGY™ Z-movement 95mm with 360° Tool rotation: Dispenser, Stamping, Ultrasonic, Scrub, Tool Heating, Pre Form, ...

Flip-Chip Ultra Beam Splitter with multi point alignment » 1µm placement accuracy



TECHNICAL DATA

220mm x 220mm (manual) XY- Movement (placement stage):

> 95mm (automatic) Z- Movement:

360° Spindle Rotation:

Bond Force (standard range): 20g - 400g (other force ranges available)

±1g Bond Force (repeatability):

±0.001mm Z-Measurement resolution:

400mm x 280mm Max. PC Board-/ Substrate Size:

> Placement accuracy: ±10µm; ±1µm optional (process depending)

Compressed air 5 - 6 bar / Vacuum 0.6 bar (abs) Connections:

900mm x 800mm x 700mm Dimensions:

Weight: 85kg

110V / 220V Voltage:

Note: All specifications are subject to change without notice

Camera

Represented by



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