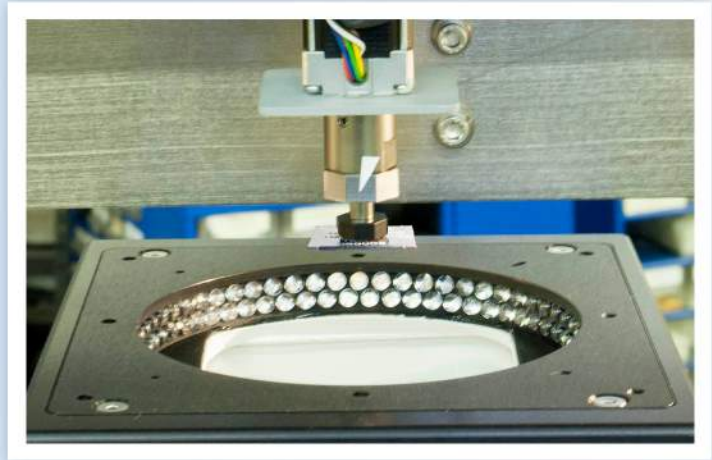


# exatron VISION OPTIONS

INTEGRATED VISION UPGRADES FOR A WIDE RANGE OF SYSTEMS

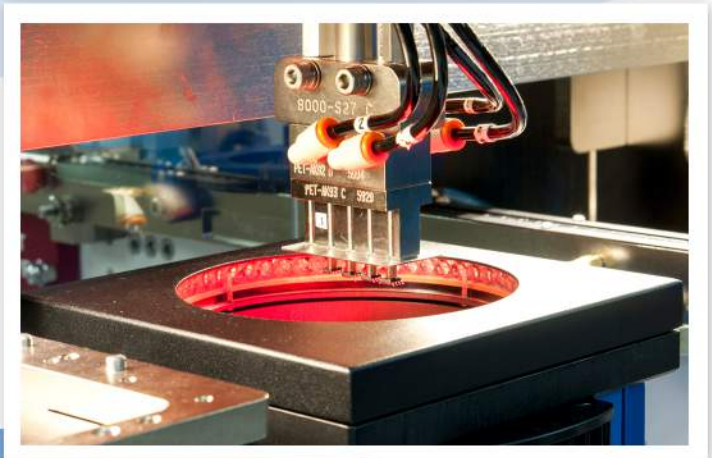
Precision BGA, QFN,  
and leaded 3D measurement.

- On the fly inspections.
- Flexible and intuitive user interface.



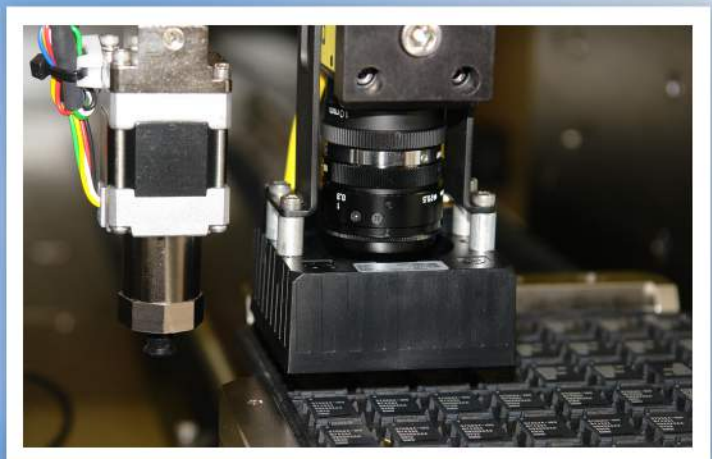
Economical 2D Inspection.

- Custom illumination.
- Robotic control for precision handling.



Pattern Verification  
and Optical Character Recognition.

- Latest technology.
- Custom software solutions.



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## INTEGRATED VISION UPGRADES FOR A WIDE RANGE OF SYSTEMS

### Smart Mark® laser marker vision upgrade

- Aligns new marks to existing marks on each individual device
- Ensures precision marking



### Tape and reel inspection

- Pin 1, orientation, upside down, and out of pocket status
- Ensures no empty pockets or improperly seated devices before sealing



### Camera-aided test/program socket alignment

- Quick and easy calibration
- Seamless integration with Exatron software



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