



RESEC SYSTEMS, INCORPORATED

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## Model J181-T Digital Video Gage Precision Parts Sorter



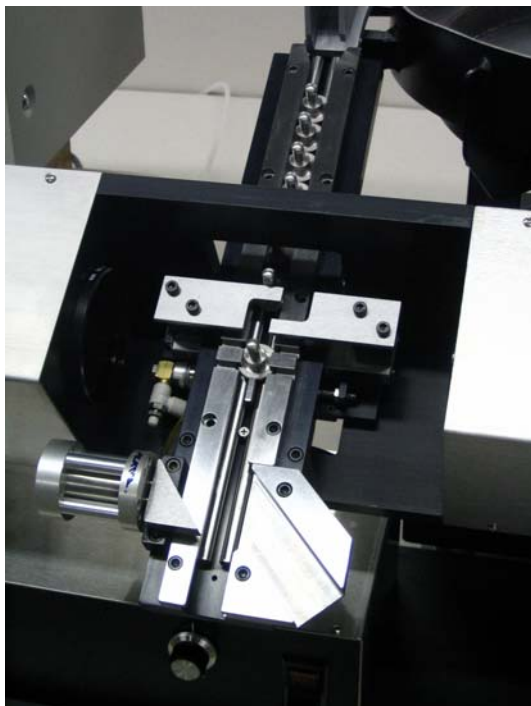
- Multiple Measurements
- Non Contact Technology
- Sorts up to 3600 parts / hour
- Accuracies to  $\pm 0.0001$ "

RESEC SYSTEMS, INC. 93-A South Railroad Ave. Bergenfield, NJ 07621  
Phone: (800) 394-6758 Fax: (201) 384-6990 email: [sales@resecsystems.com](mailto:sales@resecsystems.com)

Parts are bulk loaded on a vibratory bowl which orients them and feeds them onto a gravity track.

Once on the track, the parts are separated and positioned on the Digital Video Gage one at a time.

Up to 24 dimensions can be measured, such as OD's, heights, grooves, etc., and a PASS/FAIL determination is made.



Failed parts are allowed to simply drop down the track, while acceptable parts are pushed to the side track by the eject mechanism.

The equipment is designed for bench top operation, with a 36"W x 24"D footprint.

The measurements are made by Resec's Digital Video Gage, capable of instantaneously measuring multiple dimensions from a video image with extreme accuracy.

The entire cycle time is just under one second, providing a continuous throughput of slightly over 3600 parts per hour.

Image of a part as it appears while being measured. Each dimension cluster shows the high tolerance limit (top), actual measurement (center), low tolerance limit (bottom), and an analog style gage showing the position of the measurement with the range (arrow).

