

## Sortation & Inspection Services

**CDS LIPE** Automatic inspection machinery and sorting machinery currently available in our lab can be configured for a wide variety of parts inspection and parts sorting applications. Whether it's length inspection, inside diameter sorting, outside diameter sorting, depth inspection, width inspection, height inspection, feature presence, foreign material, mixed parts sorting, thread inspection, or whatever your requirement, we've got a solution for your quality control application.

### VISION INSPECTION

Automatic Vision Inspection Systems for customer applications. These vision systems are also used at our facility to provide automatic inspection services to sort for length, diameter, feature present, mixed parts, and surface inspection.

### LASER INSPECTION

Parts are automatically fed via the vibratory bowl feeder to length inspection station. Parts that fail length inspection are diverted to rejects output chute. Parts that pass laser length inspection are gated as good parts and exit the system via the good parts output chute.

### PRECISION ROLL SORTER

Precision Roll Sorters, also referred to as Roller Sorters, for customer applications. These fully automatic systems are also used at our facility to provide automatic inspection services to sort for length, OD, feature, mixed parts, debris and more. . Good and reject parts are gated accordingly and exit the system via their respective output chutes.

### SPHEROID SORTER

Automatically sort spherical parts for flats, clusters, doubles, and debris. This system is fully adjustable and allows the operator to set up the system for the quality level they wish to attain. The operator loads parts into the bulk reservoir in the corner of the sorting system. Parts are then fed out onto the sorting surface. The worst quality parts, such as clusters, parts with flats, and debris, feed out the end of the system. Better quality parts peel off into one of the two fallout areas on the side of the system. The best quality parts travel to the back of the system. Fallout from each of the categories is stored in stainless steel storage bins.

**We inspect tens of thousands of parts per month for customers in our Rochester NY facility. Long term or short run inspection projects are welcome**



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## Machined Part Inspection

This automatic length and diameter inspection system. This system measures and sort to up to eight different diameters and the overall length using both LED sensors and lasers

## SORTATION SCREENING- Precision Materials

Gentle linear vibration action combined with precision screen to sort small molded plastic parts. Scrap materials are sorted from "good parts" with good parts running off and scrap sorted off.

