

**The Age of
Automatic
IC Tube
Handling
Has Arrived.**



The ATH-354

This functional system processes in excess of 400 tubes per hour, or the equivalent of 10,000 parts per hour. The operating sequence consists of manually loading the filled tubes onto the rotating top input shuttle. After each tube is automatically positioned, parts are counted and fed singulated into the host processor. Empty tubes, which have been positioned on the bottom shuttle, are then reloaded to a pre-determined count. The ATH-354 will accommodate tubes of varying lengths with simple knob adjustments. Its inherently simple operation assures long life with minimal maintenance and fast payback by enhancing throughput of host equipment.

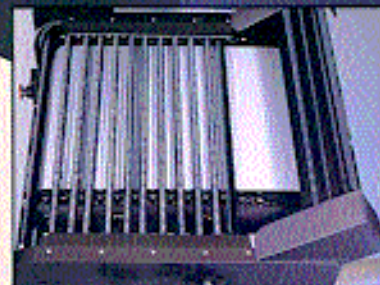
- Average set-up time less than 5 minutes for all adjustments.
- Ideal for short run lot sizes, and high-output production where fully automated bulk tube loader systems are not cost-effective.
- Counts parts by digital display as they exit tube.
- Capable of handling .300, .400 and .600 mil DIP tubes.
- Automatic centering mechanism precisely aligns tubes with trackways.
- Hand-screw adjustment for any DIP tube length of up to 25".



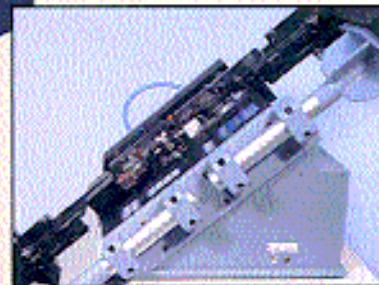
Trackway is aligned with IC tube, counter is set for number of parts per tube, tubes are then inserted onto rotating trackway.



Tubes are automatically aligned with feed rails, then components are singulated into host equipment, while empty tubes are fed to holding bin.



At output, empty tubes are individually positioned at bottom shuttle. Processed DIPs are then loaded into tubes by predetermined count. Filled tubes are fed into a holding bin.



System ATH-354 is compatible with DIP test equipment, tube-to-tube marking equipment, scanners, formers, straighteners and trimmers.

