

Robotic Cells: Medical Device

FarasonAutomation

Parts are sorted and presented by means of a Farason FaraFeeder parts recirculating system, consisting of a series of tiered conveyors with an elevating bucket connecting the bottom-most return conveyor to the upper metering conveyor. An Adept Cobra 800, equipped with vision guidance software, utilizes an overhead-mounted camera and top lighting to discern qualified parts, pick them, and load them into an indexing rotary dial that is tooled with part-specific fixtures to maintain proper component location. Conventional 2-axes Cartesian pick and place, equipped with a vacuum end effector, removes parts from the dial fixtures, two at a time, and loads them into their respective carrier pucks. Music: Pianissimo by Azaxx

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