

▲ AUTOMATED LABELING

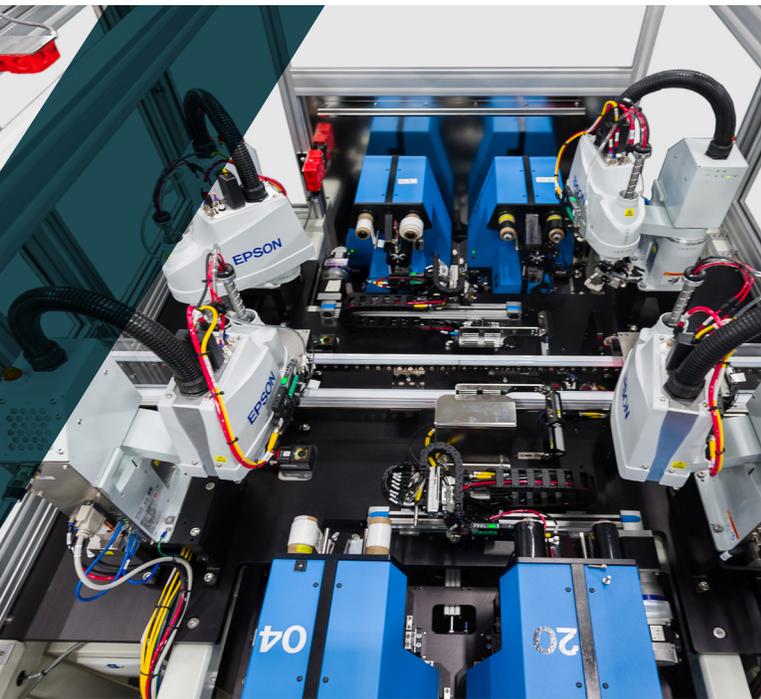
Automated labeling is the turnkey solution implementing label printing and application into your existing manufacturing workflow with the ability to automate even more of your processes. Our experience integrating automatic identification and tracking systems combined with PAR's custom automation experience allows us to offer both semi-automated and fully-automated turnkey, complex labeling solutions to feed downstream processes.

BENEFITS OF AUTOMATED LABELING

- Significantly improves cycle time, reduces labor costs and improves productivity
- Bulk material handling allows for reallocation of labor to focus on key process steps
- Labels used are able to stand up to extreme temperature, chemical exposure, wash-down and other harsh environments
- Ergonomic improvements for repetitive tasks, minuscule parts, or precise movements
- Consistent finished goods quality and accurate labeling and assembly
- Ease of operation using our standard software for all systems
- Automated logging with 21 CFR part 11 compliance
- ISO 9001 and 13485 certified project management and documentation approach



**OAKRIVER
TECHNOLOGY**



TECHNICAL INFORMATION

Features

- Assembly machines regularly feature the following technologies
 - Die punches, laser cutting, adhesive dispense, spring winding or feeding, resistance welds, dial plates, laser welds, ultrasonic welds, solder, braze, milling, grinding, cleaning, laser ablation, marking, screw-feeding, riveting, swaging, bending or shaping, web handling, weighing, and stringing
- Intended for production and laboratory environments with multiple software access levels
- Integration experience with a variety of PLC and Industrial PC controls
- Database integration experience to allow for material tracking from lots all the way down to the individual piece-part
- Semi-automated and fully-automated systems

Materials

- Molded plastics
- Extruded tubes (Silicone, polyurethane, polyimide)
- 3D-printed materials
- Carbon fiber composites, fiberglass, and Kevlar
- Stainless steel and steel alloys
- Aluminum
- Titanium
- Glass
- Ceramic

Supporting Technologies

- Part feeding via vibratory bowl and vision-guided robotic pick and place
- Vision inspection (features and defect analysis)
- Unique sorting requirements
- Incoming and outgoing conveyance
- RFID tracking and integration

INDUSTRIES SERVED



Research, prototyping & development



Medical Device



Pharmaceutical



Diagnostics



Consumer Goods



Food & Beverage



Automotive



Aerospace



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