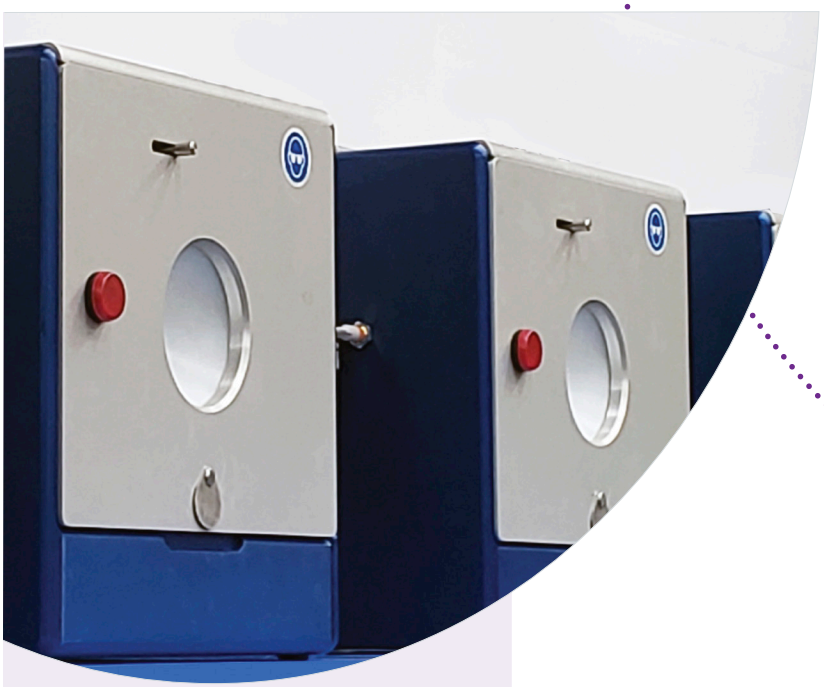

- Bench-top, semi-automated design with compact footprint
- Adjustable for various tube diameters (4 mm - 20 mm)
- Features I/O outputs and part processing data capture
- Eliminates time and waste associated with manual dosing
- Increases quality, repeatability, and efficiency
- Provides industry 4.0 data to rote manual tasks

Tube Bonding Workstation

Eliminate the time and waste associated with manual adhesive dosing in tube set applications. The tube bonding workstation is designed for bench-top and semi-automated work centers found in medical, industrial, and equipment low-production and laboratory environments. The system standardizes operations across in-line manufacturing processes, ensuring consistency and repeatability across tube set and catheter assembly.

Modular in design, the workstation allows for various size tubes to receive a 360° bead of material at the end of tubing, ensuring a no-leak pathway and solid bond before assembly into mating connectors. Using this system helps reduce operator fatigue from continuous manual application and increases overall process efficiency.

For customers that require a more comprehensive solution, Dymax offers a range of customizable systems for tube bonding that support high-mix and variable-volume applications requiring high levels of quality and control.

Applications

- Precision tube set and life science fluid-control products
- Catheter camera, scopes, and module assembly
- ISO compliant device sealing and gasket assembly
- Coatings and product-contact protection

Benefits

Reliable, Repeatable Product Quality

- Automated 360° cycle ensures repeatable total coverage
- Precision doses are achieved shot-over-shot using factory technology
- Increases throughput and bond quality from tube to hubs

Reduced Risk

- Decreases costs and risks associated with manual, misapplied adhesives
- Increases operator efficiency while reducing operator fatigue
- Improves work environment with instant cure technology

Production Efficiencies

- Increases product reliability and repeatability
- Saves on wasted and over applied adhesives
- Ensures sealing and reduces or eliminates part scrap
- Ensures full seal for bloodborne pathways

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