

# AMT™

## Automated Machine Technologies, Inc.

Automated Machine Technologies, located in Research Triangle Park, North Carolina, is a manufacturer of innovative liquid packaging machines for the pharmaceutical industry.

AMT™ offers total production lines, custom multifunctional and standard stand-alone machines for medium and high-speed productions:

- Sterile Servo Peristaltic Liquid Filling
- Full and Partial Stoppering
- Crimp Sealing
- Screw Capping
- Print & Apply Bottle Labeling
- Micro Plate Filling, 96, 384 and 1536-Well, with Disposable Technology

After 15 years, AMT™ continues to offer solutions to the most challenging production requirements with cutting edge technologies:

**Disposable Technology** - only tubing and nozzles contact the product and are disposable or disassembled in a few minutes for sterilization, and reassembled with reduced risk for contamination.

**EqualFlow™** - innovative digital compensation of AMT™ servo peristaltic pumps (US Patent Number 6,393,338) allows 0.1% dispense precision at higher flow rates, unmatched by conventional peristaltic pumps. Long-term tubing wear is also digitally compensated.

**ServoTorque™** - patented servo capping along with flexible positive gripping system brings unparalleled torque precision and consistency in screw capping (US Patent Number 6,804,929).

**ServoChange™** - new approach to servo liquid filling and vial closing allows for a small footprint, programmable changeover with a touch of the screen, and easy validation.

**SPC Automatic Feedback** - Two check-weighers, for tare and gross weights, are optionally incorporated into the closed loop system for dynamic control of the AMT Servo Peristaltic Dispenser™ for ultimate precision over an extended time.

**AMT™ Print & Apply Labeling Machine** utilizes 5 servo drives for sustained performance and touch of the screen changeover.

The "Loose Loop" system, typical in conventional P&A machines, is eliminated and hardware is greatly simplified for low maintenance and high reliability.

AMT™ machines are ruggedly designed for years of trouble-free operation with minimal maintenance.



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