MA-300 Automated Specimen Processor A LEAN way to sample specimens for drugs of abuse testing laboratories

2-step barcode system ensures specimens match samples Compact design lets you grow your lab at your production pace Requires only a single operator





MA-300 Features & Benefits

- Fits into confined lab space
- Tecan Air Displacement Pipetting (ADP) eliminates pumps and pump priming tasks
- Proprietary barcode scanning system ensures specimens match samples
- Automated vial ejector for ease of vial loading and increased productivity
- Configurable aliquot volume and drip prevention
- On-screen machine status indicator included
- Easily integrates into your network
- Secure software requires login with configurable access levels
- Software prints barcoded batch report and writes data file to lab network

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MA-300 - A LEAN Solution for Drug Testing Labs



MA-300 Highlights

Designed for drugs of abuse testing laboratories, the MA-300 system protects the integrity of patient specimens while increasing processing efficiency. The MA-300's lean manufacturing capabilities allow it to access and transfer the sample from a 45 mL tamper-evident flip top vial to the aliquot tube. If deployed in line with existing accessioning workstations, a single operator performing accessioning and running the MA-300 can process up to 200 samples per hour, depending on the speed of the lab's accessioning process.

The efficient, open design of the MA-300 allows an operator to accession and aliquot incoming specimens simultaneously. This minimizes the amount of 'touch time' inherent with your current workflow. **Each incoming sample has a 'touch time' of 2-3 seconds per vial** with a total cycle time of 18 seconds.

The MA-300 ensures the sample's chain of custody with a two-step barcode reading system. Both the specimen and test rack are labeled with barcodes. A barcode reader travels with each aliquot from the specimen vial to the compatible Olympus or Hitachi analyzer test rack.

The MA-300 was designed to minimize components that often fail, such as multiple barcode readers and conveyors. The MA-300's **Tecan's Air Displacement Pipetting (ADP) technology** eliminates many potential repair tasks and routine maintenance inherent with other specimen processors that use pumps, fluid lines, syringes, valves, DI water tanks, waste tanks and liquid level sensors at tanks.

The small size and single specimen processing is well suited for Lean Manufacturing Single Piece Flow processing. **The light bench-top machine with a footprint of 5 square feet weighs less than 125 pounds with touch screen computer,** which enables you to include several high-volume MA-300 workstations in your lab. Rather than investing upfront in an expensive single large capacity processing system, you can limit production downtime by buying smaller increments of processing capacity as your business grows.

Offering consistent, high quality throughput, the MA-300 is the right addition to your laboratory!

Accessories for MA-300



MA-300 Natural Pipette Tips

- For MA-300 / Tecan Genesis Robot
- RNase, DNase and DNA free
- Tip wafer designed for robotic forces

These 1000 μ l natural pipette tips are ideal for use with the MA-300 Automated Specimen Processor. Tips are compatible with the Tecan Genesis Robot to enable consistent fluid transfer within the MA-300 platform. The tips are non-sterile and made of polypropylene. They are available 96 tips per rack.

Part No.	Description	Packed
65732	MA-300 Natural Pipette Tip, 1000 μ L	1,536/case



Analyzer Rack CupStrips

- Compatible with Hitachi or Olympus Analyzer racks
- Made of durable polypropylene
- Accelerates accessioning process

Choose from CupStrips for either Hitachi Analyzer racks (5-Up CupStrips) or Olympus Analyzer racks (10-Up CupStrips). CupStrips are constructed of polypropylene material to prevent samples from binding to the plastic during use. These CupStrips are designed to fit snug atop analyzer racks to expedite loading of aliquots into the racks during the accessioning process.

Part No.	Description	Packed
39505	CupStrips 5-up for Hitachi Racks	2,000/case
39510	CupStrips 10-up for Olympus Racks	1,000/case



MA-300 Sample Tubes for Analyzers

- Made of durable polypropylene
- Break-resistant
- Available with pre-applied barcode label

These multi-purpose test tubes are precision-molded from chemically resistant polypropylene. Their durable, break-resistant design ensures they can be reused for multiple testing cycles. They are compatible for use with Hitachi or Olympus Analyzer racks. Part number 80987 includes a pre-applied barcode label for applications involving the use of pre-barcoded analyzer tubes in conjunction with CupStrips nesting on top of the labeled tubes.

Part No.	Description	Packed
80557	16x75 mm PP tube	1,000/case
80987	16x75 mm PP tube with barcode label	500/case



Specimen Collection – Foil-Top Kits

- Features 45 mL tamper evident vial
- Entire kit sealed in convenient beaker cup
- Available in single and split kit configurations

Therapak's foil-top kits include a 240 mL beaker style collection cup with pour-spout and temperature strip. Each kit is sealed with a peeloff foil lid that secures the kit contents. The single specimen collection kit features one 45 mL tamper-evident, flip top transport vial and transport bag with absorbent material. The split specimen collection kit includes two 45 mL vials and a transport bag with absorbent material. Flip top vials are graduated at 15 mL and 30 mL capacities. Also available as box kits.

Part No.	Description	Packed
39448	Single Foil-Top Collection Kit	100/case
39449	Split Foil-Top Collection Kit	100/case
40110	Single Foil-Top Collection Box Kit	48/case
40123	Split Foil-Top Collection Box Kit	48/case

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