



Achieve More Now With Laboratory Workstation Robotics

GraviTrac® GraviTracPLUS® MultiTasker® XTrac®



Modular Automation Platform with LIMS Interface

High Speed: 3 Sec/Sample to Sort, 6 Sec/Sample to Weigh

Vial Sorting

Liquid Handling

Vial Weighing

Capping/UnCapping

1D/2D Barcode

Holds 8 MicroPlate Racks

MiniTube, 1Dram, Test Tube, 20mL, 40mL, and More

Model# MNT-80101 Base Model Equipped With

- XYZ 3-Axis Arm with One Set of Interchangeable Gripper Fingers for One Specified Labware
- Safety Enclosure with Front Access Doors
- SiriusSlate PDA® Control Software with LIMS Interface
- PC Controller Running on Windows 7/10
- 22" LED Display

Dimensions (inch)	22 W X 29.5 D X 27 H
Weight (lb)	~105
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%

Options:

Part#	Function	Description
MT-WSX-4PL-204	Weighing	4-Place Mettler-Toledo® Analytical Balance with External Display, Balance Draftshield and Balance Nest for One Labware Type
FG-NTL-01-[Vial Type]	Weighing	Extra Set of Interchangeable Gripper Fingers for One Labware Type
BAL-NST-NTRL-[Vial Type]	Weighing	Extra Labware Balance Nest for One Labware Type
ASC-1U-400	Weighing	Anti-Static Cartridge for Analytical Balance (life time ~12 months)
1D-BCR-STD-NTL-01	Barcode	1D Barcode Reader with Turntable and Interchangeable Nest for One Labware Type
1D-BCR-NST-NTL-01	Barcode	Extra 1D Barcode Reader Interchangeable Nest for One Labware Type
2D-BCR-STD-01	Barcode	2D Barcode Reader
FS2-STD-03	Barcode	Off-Station/FlashScan2D® Whole Plate 2D Barcode Reader
UCR-STD-NTL-01-[Vial Type]	Capping	Capping/UnCapping Station with Jaws for One Labware Type
UCR-JWS-NTL-01-[Vial Type]	Capping	Extra Capping/UnCapping Jaws for One Labware Type
LQD-MMNT-STD-01	Liquid Handling	Standard Liquid Handling for MiniTasker (including Syringe Drive, Precision Syringe for One Size, Teflon Tubing, Sample Loop, Arm-Mounted Washable Cannula, Teflon Wash Station, Vacuum-Driven Waste System)
LDQ-PPT-STD-01	Liquid Handling	Pipette Tip Adaptor with Tip Removal Station
SYR-XLP-[syringe size]	Liquid Handling	Extra Precision Syringe (please specify size: 50uL, 100uL, 250uL, 500uL, 1.0mL, 2.5mL, 5.0mL)

Modular Automation Platform with LIMS Interface

High Speed: 3 Sec/Sample to Sort, 6 Sec/Sample to Weigh

Vial Sorting

Liquid Handling with Vortex

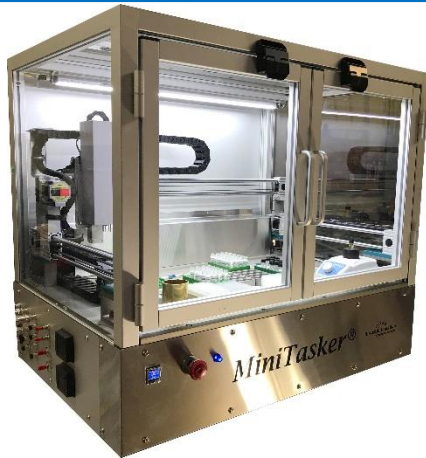
Vial Weighing

Capping/UnCapping

1D/2D Barcode

Holds 20 MicroPlate Racks

MiniTube, 1Dram, Test Tube, 20mL, 40mL, and More



Model# MNT-70101 Base Model Equipped With

- XYZ 3-Axis Arm with One Set of Interchangeable Gripper Fingers for One Specified Labware
- Safety Enclosure with Front Access Doors
- SiriusSlate PDA® Control Software with LIMS Interface
- PC Controller Running on Windows 7/10
- 22" LED Display

Dimensions (inch)	41 W X 29.5 D X 38 H
Weight (lb)	~230
Power	120 – 240 VAC, 10A
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%
Top Ventilation Opening	6 inches in diameter
Vacuum Source	½ Inch Connection Required for Liquid Handling

Options:

Part#	Function	Description
MT-WSX-4PL-204	Weighing	4-Place Mettler-Toledo® Analytical Balance with External Display, Balance Draftshield and Balance Nest for One Labware Type
FG-NTL-01-[Vial Type]	Weighing	Extra Set of Interchangeable Gripper Fingers for One Labware Type
BAL-NST-NTRL-[Vial Type]	Weighing	Extra Labware Balance Nest for One Labware Type
ASC-1U-400	Weighing	Anti-Static Cartridge for Analytical Balance (life time ~12 months)
1D-BCR-STD-NTL-01	Barcode	1D Barcode Reader with Turntable and Interchangeable Nest for One Labware Type
1D-BCR-NST-NTL-01	Barcode	Extra 1D Barcode Reader Interchangeable Nest for One Labware Type
2D-BCR-STD-01	Barcode	2D Barcode Reader
FS2-STD-03	Barcode	Off-Station/FlashScan2D® Whole Plate 2D Barcode Reader
UCR-STD-NTL-01-[Vial Type]	Capping	Capping/UnCapping Station with Jaws for One Labware Type
UCR-JWS-NTL-01-[Vial Type]	Capping	Extra Capping/UnCapping Jaws for One Labware Type
LQD-MNT-STD-01	Liquid Handling	Standard Liquid Handling for MiniTasker (including Syringe Drive, Precision Syringe for One Size, Teflon Tubing, Sample Loop, Arm-Mounted Washable Cannula, Teflon Wash Station, Vacuum-Driven Waste System)
LDQ-PPT-STD-01	Liquid Handling	Pipette Tip Adaptor with Tip Removal Station
SYR-XLP-[syringe size]	Liquid Handling	Extra Precision Syringe (please specify size: 50uL, 100uL, 250uL, 500uL, 1.0mL, 2.5mL, 5.0mL)
VTX-LP-01-[Vial Type]	Liquid Handling	Low Profile Vortex Station with Vial Nest (reduces rack capacity)



Extended Automation Platform with LIMS Interface

Large Deck Capacity to accommodate More Samples

Vial Sorting

Liquid Handling with Vortex

Vial Weighing

Capping/UnCapping

1D/2D Barcode

Holds 40 MicroPlate Racks

Solids Dispensing

GraviMetric Liquid Dosing

Model# MNT-90101 Base Model Equipped With

- XYZ 3-Axis Arm with One Set of Interchangeable Gripper Fingers for One Specified Labware
- Safety Enclosure with Front Access Doors
- SiriusSlate PDA® Control Software with LIMS Interface
- PC Controller Running on Windows 7/10
- 22" LED Display

Dimensions (inch)	63 W X 29.5 D X 40 H
Weight (lb)	~450
Power	120 – 240 VAC, 10A
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%
Top Ventilation Opening	6 inches in diameter
Vacuum Source	½ Inch Connection Required for Liquid Handling

Options:

Part#	Function	Description
MT-WSX-4PL-204	Weighing	4-Place Mettler-Toledo® Analytical Balance with External Display, Balance Draftshield and Balance Nest for One Labware Type
FG-NTL-01-[Vial Type]	Weighing	Extra Set of Interchangeable Gripper Fingers for One Labware Type
BAL-NST-NTRL-[Vial Type]	Weighing	Extra Labware Balance Nest for One Labware Type
ASC-1U-400	Weighing	Anti-Static Cartridge for Analytical Balance (life time ~12 months)
1D-BCR-STD-NTL-01	Barcode	1D Barcode Reader with Turntable and Interchangeable Nest for One Labware Type
1D-BCR-NST-NTL-01	Barcode	Extra 1D Barcode Reader Interchangeable Nest for One Labware Type
2D-BCR-STD-01	Barcode	2D Barcode Reader
FS2-STD-03	Barcode	Off-Station/FlashScan2D® Whole Plate 2D Barcode Reader
UCR-STD-NTL-01-[Vial Type]	Capping	Capping/UnCapping Station with Jaws for One Labware Type
UCR-JWS-NTL-01-[Vial Type]	Capping	Extra Capping/UnCapping Jaws for One Labware Type
LQD-MNT-STD-01	Liquid Handling	Standard Liquid Handling for MiniTasker (including Syringe Drive, Precision Syringe for One Size, Teflon Tubing, Sample Loop, Arm-Mounted Washable Cannula, Teflon Wash Station, Vacuum-Driven Waste System)
LDQ-PPT-STD-01	Liquid Handling	Pipette Tip Adaptor with Tip Removal Station
SYR-XLP-[syringe size]	Liquid Handling	Extra Precision Syringe (please specify size: 50uL, 100uL, 250uL, 500uL, 1.0mL, 2.5mL, 5.0mL)
VTX-LP-01-[Vial Type]	Liquid Handling	Low Profile Vortex Station with Vial Nest (reduces rack capacity)

FlashScan2D®

Full Rack 2D Barcode Scanner

with Camera-Based Imaging Technology



Fast Read 1 – 3 Seconds / Rack

Plug'n'Play Self-Integrating Firmware

Multiple SBS Formats: 12, 24, 48, and 96 Well

Rack Orientation Guide

CSV Data Output and Easy LIMS Integration

Operates Down to -20 C

System Integration Ready

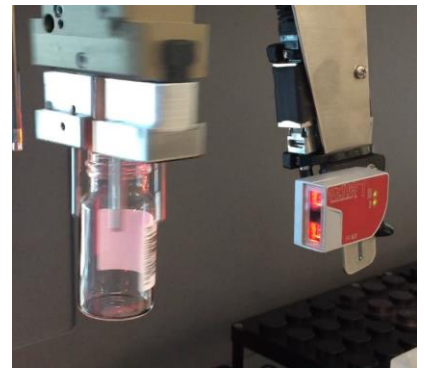
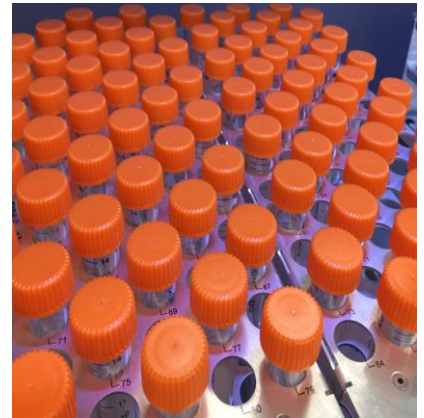
Dimensions (inch)	8 W X 6 D X 9 H
Weight (lb)	3.5
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	-20 to 35
Operating Humidity	0 – 85%



BUDGET PRICING!

GraviTrac[®]

Robots that Weigh



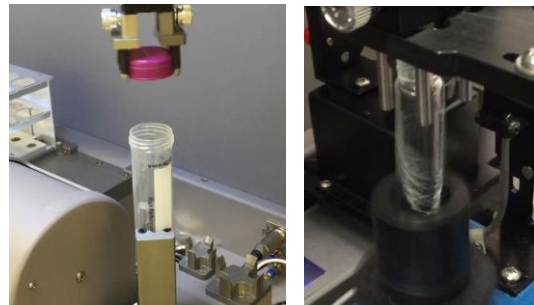
- Perfect for High Quantity Sample Weighing or Sorting
- 1D or 2D High-Speed Barcode Scanning
- Capping/UnCapping Before or After the Weighing
- 4 Seconds/Sample on Sorting, 9 Seconds/Sample on Weighing
- Hosts 12 Microplate Footprint Racks or Your Custom Racks
- Handles Large Range from MiniTube to 500mL Containers
- 0.1mg or 0.01mg Weighings via Mettler-Toledo[®] Balance
- Easily User Programmable with Seamless LIMS Interface



Dimensions (inch)	46 W X 22 D X 41 H
Weight (lb)	~100
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%

MultiTasker®

Robots for Custom Needs



- **Application Examples: NCE Purification, Dosage Form Testing High-throughput Screening, Liquid Formulation, and More**
- **0.1mg or 0.01mg Weighings via Mettler-Toledo® Balance**
- **1D or 2D High-Speed Barcode Scanning**
- **Capping/UnCapping**
- **Dilute to Concentration**
- **Sample Sorting**
- **Liquid Handling Accuracy <1uL**
- **Hosts 12 Microplate Footprint Racks or Your Custom Racks**
- **Easily User Programmable with Seamless LIMS Interface**
- **Vortex Mix / Sonicate**
- **Fraction Pooling**
- **Multiple Solvent Sources**
- **Tilted Rack for High Recovery**



Dimensions (inch)	46 W X 22 D X 41 H
Weight (lb)	~120
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%

GraviTracPLUS®

Robots for Solids/Powder Dispensing



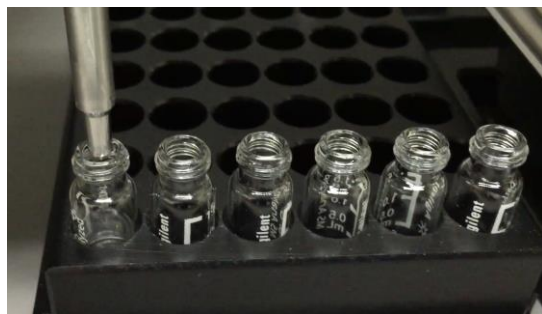
- Automated Dispensing of Bulk Solid Materials/Powders/Granules
- Dispensing Accuracy to +/- 1mg, Multiple Sources
- Handles Corrosive / Abrasive / Friable / Non-Uniform Types
- Uncaps and Recaps the Target Containers as needed
- Adaptive Self-Learning Algorithm
- Handles LIMS Input and Reports to LIMS
- Operator-Independent Results with Full Audit Trail
- Reliable, Durable, Rugged



Dimensions (inch)	58 W X 22 D X 41 H
Weight (lb)	~150
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%

Xtrac®

Robots for Unattended Extractions



- **Totally Walkaway Extraction Methods**
- **Uniform Sample History Assured**
- **High Speed Reagent Dispense to Specified Volume**
- **Automatic Switching of Multiple Reagents**
- **Sample Transfer to GC Vials Ready for Analysis**
- **Sample Filtering & Vial Capping Options**
- **Reports to Database & LIMS**



Dimensions (inch)	46 W X 22 D X 41 H
Weight (lb)	~140
Power	120 – 240 VAC, 50/60 Hz
Operating Temperature (C)	14 – 35
Operating Humidity	30 – 85%

Stop Wasting Valuable Personnel On a Job Better Suited to a Robot

Sirius Automation is proud to offer a complete line of benchtop automation solutions, software and services tailored to maximize your work efficiency and optimize your data consistency and accuracy.

If a task is repetitive, predictable or thankless, then it should be automated. Why waste headcount or outsourcing budget when you don't need to?

The problem in today's marketplace is the attempt to force the chemist into a one-size-fits-all automation solution. **Sirius Automation solves this problem** by providing a customized solution to your project... no matter how routine or widespread. This tailored approach will **improve and document your workflow** in a way that no one-size-fits-all solution could ever achieve.

A simple phone call can change everything.

Most labs believe that their work is just too diverse to benefit from automation. The truth is often different. Call us today and learn how to get all the work done and still go home on time, because these robotic solutions really work! Work just like you do.

Creative Enabling Technologies Effective Tailored Solutions



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