

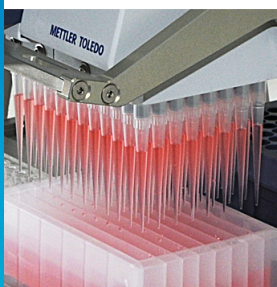
Simultaneous 96-well pipetting

Fast manual benchtop system



Saves time and money

Faster than all other manual pipetting systems and even expensive 4- and 8-channel robots. Uses SBS footprint plates in 96 or 384 well formats. Liquidator 96 is mobile and compact, and can be used anywhere, including laminar flow cabinets. Functional, durable and simple to use, Liquidator 96 provides consistently reproducible measurements.



Accurate and precise

Rugged monoblock base plate, strict production tolerances, and highest quality tooling provide a stable platform to give best accuracy and precision across the whole volume range. Lockable volume setting prevents drift. Good coefficient of variation with absolutely no chance of missing or doubling rows.



Ready to go, ergonomic

Ready for immediate use by anyone, whether experienced or new to the instrument. Intuitive, requires no expensive operator training, software compliance, or even electricity, and never any bottle-necks waiting for programs to finish. Liquidator 96's counterbalanced design and use of LTS tips result in very low user forces, especially for tip ejection.



Liquidator™ 96

Accurate and efficient, Liquidator 96 maximizes workflow, without complicated programming or dedicated technician time. Incredibly fast, Liquidator 96 is ideal for many applications: genomics, proteomics, and general plate replication, plate filling between 96 and 384-well, wash and dilution steps in various assays. Its ability to pipette 96 wells at once makes Liquidator 96 vital for time-critical enzyme-based assays: all 96 reactions can be started and stopped simultaneously! Designed for ultimate performance, precision, and accuracy, Liquidator 96 ensures reproducible results from well-to-well and plate-to-plate.

METTLER TOLEDO

Technical data

Liquidator 96

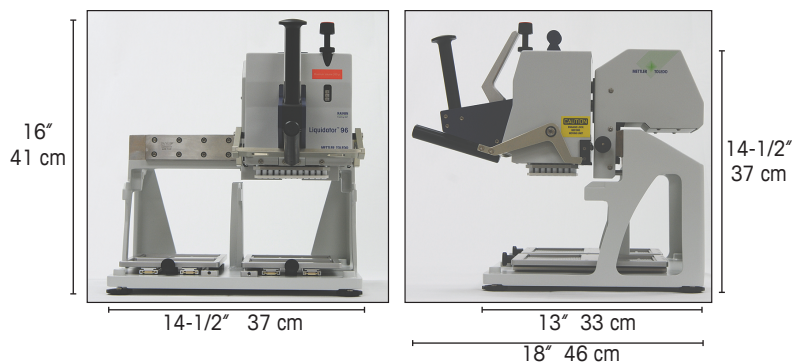
Manual benchtop pipetting system

Standard configuration

- Volume range 1–200 µL, in 1 µL increments
- Six adjustable feet for support and absolute level operation
- Magnetic detents at both ends of liquid head track
- Four SBS footprint operating positions
- Left or right-handed operation
- Tip height can be set for each position
- Small footprint, 2.5 sq. ft.

Specifications

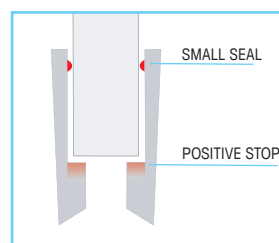
Inaccuracy:	200 µL: ± 1.0%	Precision:	200 µL: ≤ 0.5%
(avg over multiple	100 µL: ± 1.0%		100 µL: ≤ 0.8%
full plates)	20 µL: ± 2.0%		20 µL: ≤ 1.5 %
	5 µL: ± 5.0%		5 µL: ≤ 3.5%



BioClean™ Liquidator LTS Tips

No contamination, perfect sealing

- Completely inert tips will not affect your results
- Renowned Rainin quality, accuracy and precision
- Highest-quality straight, flawless tips
- Perfect fit, reproducible performance, reduced need for nozzle maintenance
- Small seal area, positive stop for leak-free sealing and absolutely even pick-up
- Free from RNase, DNase, DNA, ATP, & pyrogens
- Presterilized and aerosol-resistant versions available



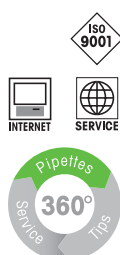
LTS tip cross-section

Ordering Information

Cat. No.	Description	Volume Range
Liquidator 96		
LIQ-96-200	96-channel Manual Benchtop Pipetting System	1-200 µL
LIQ-SVC	Annual Service Plan	
LIQ-SVC4	4-Year Service Plan	
LIQ-C-A	LIQ 96 CalPM Plan A	
LIQ-C-B	LIQ 96 CalPM Plan B	
Accessories		
LIQ-384PA	384-well adapter plate stage	
LIQ-384PA-B	384-well adapter plate stage -black	
LIQ-AP	Height adjustment posts	
LIQ-TRAY	Deep-well 8-section (longitudinal) reservoir	
LIQ-20PA	20 µl tip adapter plate stage – white (*either stage must be used w/ 20 µl tips)	
LIQ-20PA-B	20 µl tip adapter plate stage – black (*either stage must be used w/ 20 µl tips)	

Rainin, LTS, Liquidator, BioClean and Pipetting 360° are trademarks of Rainin Instrument, LLC.

Cat. No.	Description	Volume Range
BioClean Liquidator Tips		
Racked tips		
LQR-200	Liquidator 96 Tips, Racked	5-200 µL
LQR-200S	Liquidator 96 Tips, Racked, Presterilized	5-200 µL
LQR-200F	Liquidator 96 Tips, Filter, Racked	5-200 µL
LQR-20*	Liquidator 96 Tips, Racked	1-20 µL
LQR-20S*	Liquidator 96 Tips, Racked, Presterilized	1-20 µL
LQR-20F*	Liquidator 96 Tips, Filter, Racked	1-20 µL
Stacked tips		
LQS-200	Liquidator 96 Tips, Stacked	5-200 µL
LQS-200S	Liquidator 96 Tips, Stacked, Presterilized	5-200 µL
LQS-20*	Liquidator 96 Tips, Stacked	1-20 µL
LQS-20S*	Liquidator 96 Tips, Stacked, Presterilized	1-20 µL



Quality certificate ISO 9001
Internet: <http://www.mt.com/rainin>
Worldwide service

Specifications subject to change
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PB-210 Rev B-I

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