

Faster, More Repeatable Workflows

Affordable, Portable 96-Channel Pipetting



Simplify Your Workflows

96-channel pipettors significantly reduce pipetting steps. MicroPro's unique features – like programmable tip depth, variable aspiration/dispense speeds, and saving/retrieving frequently used protocols – boost productivity, reduce errors and improve experimental reproducibility.



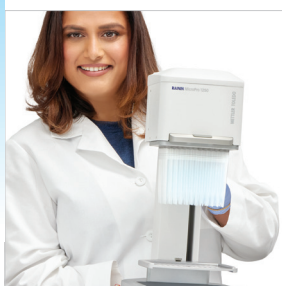
A Research Assistant

More than just a plate filler, MicroPro performs serial dilutions, offers convenient pipetting modes such as multi-aspirate and custom, and lets you customize actions like mixing and blowout. The intuitive software and tablet make it simple.



Custom Protocols

In addition to making custom protocols easy to create and save, MicroPro lets you execute steps in any order and include detailed user instructions to ensure accuracy and consistency.



Compact Design

The smallest semi-automated 96 channel pipettor on the market, MicroPro frees up valuable space in your biosafety cabinet or lab bench. The entire MicroPro portfolio is truly portable: <15" high, <7.5" wide and <12 lbs.



Rainin MicroPro

Exceptional Ease and Speed

For faster filling, serial dilutions and many other 96- and 384-well plate workflows, nothing compares to the speed and ease of the compact Rainin MicroPro 96-channel pipettor. MicroPro simplifies plate work by streamlining complex pipetting steps, saving you time and helping to eliminate plate-to-plate and user-to-user variability. What's more, it is compact, highly affordable and easy to use.

Rainin MicroPro

Faster, Better Workflows

- 20 µL, 300 µL and 1250 µL models
- Multi-function pipetting
- Intuitive touchscreen interface
- RingLock tip system
- Pipetting depth recall
- Touchless tip ejection
- Saved programs
- 10x speed control



Technical Data

| Performance | MP 20 | MP 300 | MP 1250 |
|--------------------------------|-------------------------|-------------------------|---------------------------|
| Volume Range | 2 - 20 µL | 5 - 300 µL | 50 - 1250 µL |
| Systematic Error (per channel) | 20 µL ± 1.0 % (0.20 µL) | 300 µL ± 1.0 % (3.0 µL) | 1250 µL ± 1.8 % (22.5 µL) |
| | 10 µL ± 1.5 % (0.15 µL) | 150 µL ± 1.5% (2.25 µL) | 625 µL ± 2.0 % (12.5 µL) |
| | 2 µL ± 5.0 % (0.10 µL) | 30 µL ± 1.5 % (0.45 µL) | 125 µL ± 2.5% (3.13 µL) |
| Random Error (per channel) | 20 µL ≤ 0.5 % (0.10 µL) | 300 µL ≤ 1.0 % (3.0 µL) | 1250 µL ≤ 0.8 % (10.0 µL) |
| | 10 µL ≤ 1.0 % (0.10 µL) | 150 µL ≤ 1.0% (1.50 µL) | 625 µL ≤ 1.0 % (6.25 µL) |
| | 2 µL ≤ 3.0 % (0.06 µL) | 30 µL ≤ 1.0 % (0.30 µL) | 125 µL ≤ 1.5% (1.88 µL) |
| | | 15 µL ≤ 2.0 % (0.30 µL) | |
| Dimensions and Weight | | | |
| Length | 240 mm (9.5 inches) | 216 mm (8.5 inches) | 216 mm (8.5 in) |
| Width | 190 mm (7.5 inches) | 190 mm (7.5 inches) | 190 mm (7.5 in) |
| Height | 320 mm (12.6 inches) | 320 mm (12.6 inches) | 381 mm (15.0 in) |
| Weight | 5 kg (11 lbs.) | 5 kg (11 lbs.) | 5.4 kg (12 lbs) |
| Power Supply | | | |
| Input (AC) | 100-240V 1.6A 50-60Hz | | |
| Output (DC) | 24V 2.5A | | |

Rainin, Pipetting 360+ and MicroPro are trademarks of Mettler-Toledo Rainin, LLC.

Ordering Information

| Description | Max. Vol. | Order No. |
|-----------------------------------|-----------|-----------|
| MicroPro Instrument | | |
| MicroPro 20 – NA | | 30835029 |
| MicroPro 300 – NA | | 30835028 |
| MicroPro 1250 – NA | | 30932001 |
| MicroPro 20 – Global | | 30852641 |
| MicroPro 300 – Global | | 30852640 |
| MicroPro 1250 – Global | | 30932002 |
| MicroPro Pipette Tips | | |
| MPR 20 µL LS 4800/50 | 20 µL | 63305398 |
| MPR 20 µL LF 4800/50 | 20 µL | 63305397 |
| MPR 300 µL LS 4800/50 | 300 µL | 63305400 |
| MPR 300 µL LF 4800/50 | 300 µL | 63305399 |
| MPR 1250 µL LS 960/10 | 1250 µL | 63305538 |
| MPR 1250 µL LF 960/10 | 1250 µL | 63305537 |
| Tips in Strips | | |
| MPR 300 µL LS strips 880/10 | 300 µL | 63305551 |
| MPR 300 µL LF strips 880/10 | 300 µL | 63305401 |
| MicroPro Accessories | | |
| MPR 96/96 Two-Tray Dual Nest, | | 30835030 |
| MPR 96/384 Two-Tray Dual Nest | | 30860787 |
| MPR 384/384 Two-Tray Dual Nest | | 30860786 |

NA: North America; MPR: MicroPro; S: sterilized; F: filter;
L: low retention

www.mt.com/rainin

For more information

METTLER TOLEDO Group
Local contact: www.mt.com/contacts

Subject to technical changes
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