

## Value and Performance

### Basic Pipetting at its Best



#### Low forces

Lighter aspiration and blowout springs reduce plunger forces by 25% compared to similar pipettes



#### Shock absorbing

Built-in silicone shock absorber in the tip ejector reduces thumb impact and stress when ejecting tips



#### Ergonomic

Handle design and comfortable fingerhook allow you to rest your hand between cycles and use a lighter grip



#### Built to last

Stainless steel and quality PVDF ensure best accuracy and precision, fewer out-of-tolerance failures and many years of reliable performance.



#### Rainin Classic™

#### Performance You Can Trust

The Rainin Classic is an excellent choice for basic pipetting. Robust and durable, this pipette will provide years of dependable, reproducible performance with low out-of-tolerance errors.

The Classic's ergonomically improved handle with finger-hook has lighter spring forces, low-drag seals and a shock absorber, making it easier on your hands. And like all our pipettes, the Rainin Classic is built to last – simple maintenance is all that is required to keep it in top condition.

## Rainin Classic

### The Standard Universal-Fit Pipette

#### Standard Equipment

- Rugged construction, stainless steel and quality PVDF ensure years of performance and low cost of ownership
- Uses lighter aspiration and blowout springs, reducing plunger forces by 25% compared to other universal-fit pipettes
- Built-in silicone shock absorber in the tip ejector reduces thumb impact and stress when ejecting tips
- Quick-release tip ejector on all sizes
- Ergonomic handle design with a comfortable fingerhook
- Uses traditional universal tips

#### Technical Data

##### Ordering Information

| MT Order No. | Description | Volume Range    |
|--------------|-------------|-----------------|
| 17008648     | PR-2        | 0.1–2 µL        |
| 17008649     | PR-10       | 0.5–10 µL       |
| 17008650     | PR-20       | 2–20 µL         |
| 17008651     | PR-100      | 10–100 µL       |
| 17008652     | PR-200      | 20–200 µL       |
| 17008653     | PR-1000     | 100–1000 µL     |
| 17008654     | PR-5000     | 500–5000 µL     |
| 17008655     | PR-10ML     | 1000 µL – 10 mL |
| 17008708     | PR-START    | Starter Kit     |

##### Starter Kit – Best Value

Easy way to introduce hand-friendly pipettes to your lab

Includes the most popular size RAININ Classic models: 20, 200, and 1000 µL, a set of three pipette hangers (Hang-Ups™) and two racks of matching tips (RT-250, RT-1000).



##### Mettler-Toledo Rainin, LLC

7500 Edgewater Drive, Oakland, CA 94621

Phone +1 510 564 1600

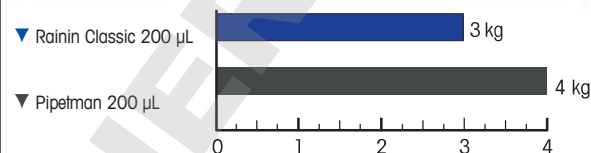
Fax +1 510 564 1604

Subject to technical changes

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#### Pipette plunger force comparison



Rainin Classic reduces plunger force by 25% compared to Pipetman®.

#### Specifications

| Model   | Volume<br>µL | Increment<br>µL | Accuracy<br>% | Accuracy<br>µL (±) | Precision<br>% | Precision<br>µL (≤) |
|---------|--------------|-----------------|---------------|--------------------|----------------|---------------------|
| PR-2    | 0.2          | 0.002           | 12.0          | 0.024              | 6.0            | 0.012               |
|         | 1            |                 | 2.7           | 0.027              | 1.3            | 0.013               |
|         | 2            |                 | 1.5           | 0.030              | 0.7            | 0.014               |
| PR-10   | 1.0          | 0.02            | 2.5           | 0.025              | 1.2            | 0.012               |
|         | 5.0          |                 | 1.5           | 0.075              | 0.6            | 0.03                |
|         | 10.0         |                 | 1.0           | 0.1                | 0.4            | 0.04                |
| PR-20   | 2            | 0.02            | 7.5           | 0.15               | 2.0            | 0.04                |
|         | 10           |                 | 1.5           | 0.15               | 0.5            | 0.05                |
|         | 20           |                 | 1.0           | 0.2                | 0.3            | 0.06                |
| PR-100  | 10           | 0.2             | 3.5           | 0.35               | 1.0            | 0.1                 |
|         | 50           |                 | 0.8           | 0.4                | 0.24           | 0.12                |
|         | 100          |                 | 0.8           | 0.8                | 0.15           | 0.15                |
| PR-200  | 20           | 0.2             | 2.5           | 0.5                | 1.0            | 0.2                 |
|         | 100          |                 | 0.8           | 0.8                | 0.25           | 0.25                |
|         | 200          |                 | 0.8           | 1.6                | 0.15           | 0.3                 |
| PR-1000 | 100          | 2               | 3.0           | 3.0                | 0.6            | 0.6                 |
|         | 500          |                 | 0.8           | 4.0                | 0.2            | 1.0                 |
|         | 1000         |                 | 0.8           | 8.0                | 0.15           | 1.5                 |
| PR-5000 | 500          | 2               | 2.4           | 12.0               | 0.6            | 3.0                 |
|         | 2500         |                 | 0.6           | 15.0               | 0.2            | 5.0                 |
|         | 5000         |                 | 0.6           | 30.0               | 0.16           | 8.0                 |
| PR-10ML | 1 mL         | 20              | 5             | 50.0               | 0.6            | 6.0                 |
|         | 5 mL         |                 | 1             | 50.0               | 0.2            | 10.0                |
|         | 10 mL        |                 | 0.6           | 60.0               | 0.16           | 16.0                |

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[www.mt.com/rainin](http://www.mt.com/rainin)

For more information