

# Exquisitely Precise Pipetting

## No Touch Off Dispense



### Dispense 100 Nanoliters

Dispense as little as 100 nL, the world's smallest aliquot from a handheld device. A positive-displacement system with adjustable speed, NanoRep capably handles any liquid – from aqueous and viscous to volatile or dense.



### Avoid Contamination

No more touching tips to wells or tubes to make sure you released a full aliquot. No Touch Off™ dispense speeds workflows and reduces contamination risk by eliminating the need to touch the vessel wall after dispensing.



### Simple Operation

The high-clarity color screen and intuitive joystick control make setting up protocols easy. Choose manual or automatic dispense, adjust aspiration and dispense speeds, and save protocols to repeat or edit later.



### 1,000 Aliquots per Tip

Three tip sizes cover a volume range of 100 nL – 50 mL and deliver up to 1,000 aliquots each. That's a wider range with fewer tip sizes and up to 10x more aliquots per tip than other current repeaters. Work more efficiently and use less plastic.



## Rainin NanoRep Handheld Electronic Repeater

Need a sample to last longer or perform an experiment at lower volumes? With the Rainin NanoRep you can precisely aliquot volumes as low as 100 nL. No Touch Off™ dispense means you can rapidly move from well to well, saving time and avoiding contact between containers and the tip. Three tip sizes can each deliver up to 1,000 aliquots, helping reduce tip-changing time while using less plastic and taking up less space for storage.

# Accuracy and Performance

## Dispense 100 nL to 50 mL with a Single Pipette

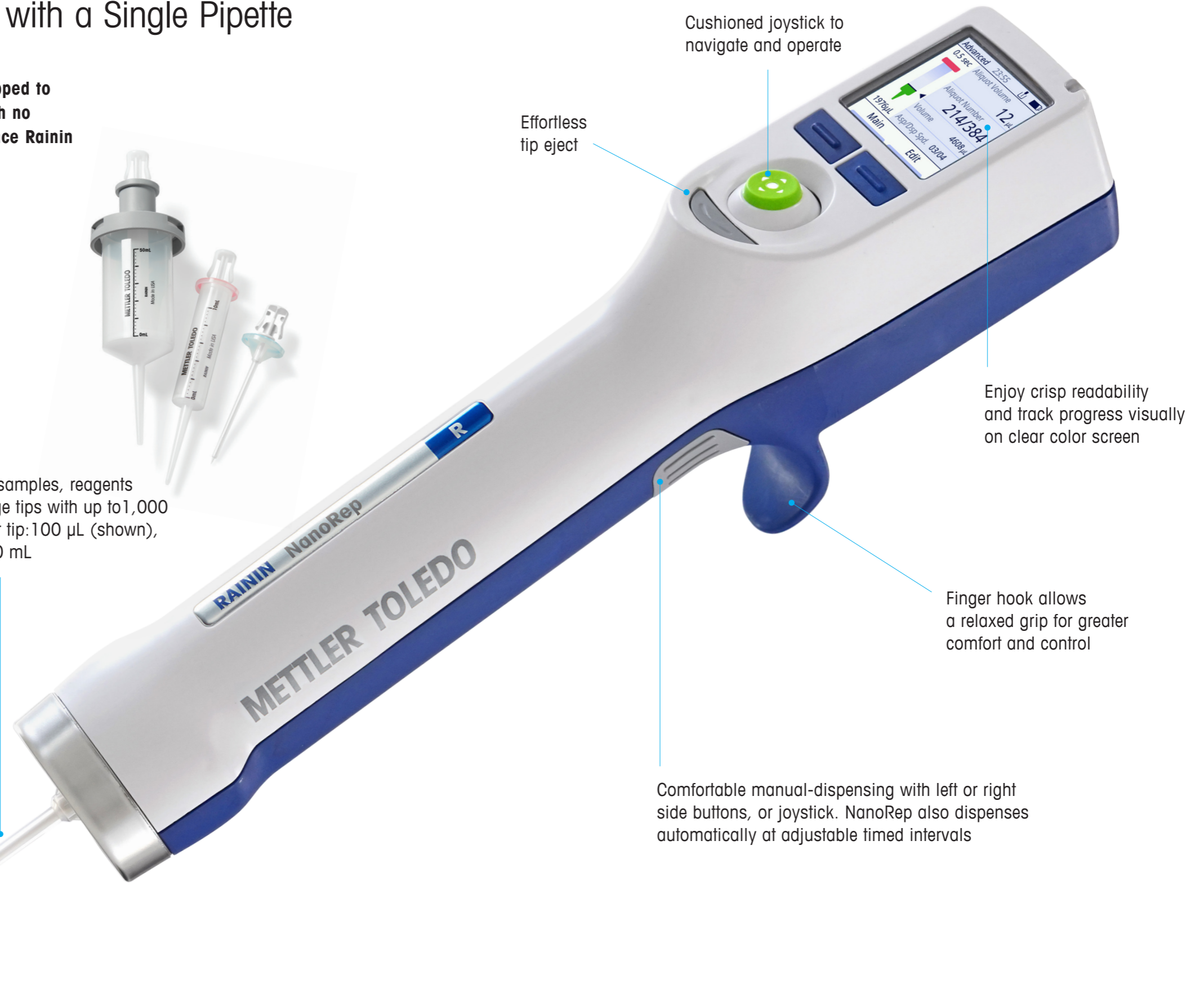
Insert a syringe tip into NanoRep and you're equipped to automatically dispense up to 1,000 aliquots – with no contact necessary from vessel to vessel. Experience Rainin quality in an ergonomic, durable repeater pipette.

### Features

- Lightweight, comfortable grip
- Transfer volatile, viscous and dense liquids
- No Touch Off dispense
- Aliquots as low as 100 nL, with increments as low as 10 nL – down to 1/10,000<sup>th</sup> the nominal volume of any syringe tip
- Up to 1,000 aliquots from one aspiration

Conserve samples, reagents and syringe tips with up to 1,000 aliquots per tip: 100 µL (shown), 10 mL, 50 mL

Avoid contact contamination with No Touch Off dispense – down to 100-nanoliter aliquots



Cushioned joystick to navigate and operate

Effortless tip eject

Enjoy crisp readability and track progress visually on clear color screen

Finger hook allows a relaxed grip for greater comfort and control

Comfortable manual-dispensing with left or right side buttons, or joystick. NanoRep also dispenses automatically at adjustable timed intervals

# Rainin NanoRep

## Ultra-Precise Repeater

Transferring volumes as low as 100 nL, the Rainin NanoRep is automated for exceptional consistency from aliquot to aliquot. Positive-displacement sample handling means superior performance across all liquids, from viscous to volatile to aqueous.

- Wide aliquot range: 100 nL – 50 mL
- 3 Modes: Basic, Advanced, Manual
- Speed control, aspirate and dispense
- Auto-paced dispense or manual
- Password protection
- Easy tip loading and electronic ejection



### Applications

- PCR
- ELISA
- NGS
- Flow cytometry
- Enzyme assays
- Cell-based assays
- Protein concentration
- Liquid chromatography
- Phage display
- Protein extraction
- DNA/ RNA extraction
- Protein concentration
- Sample prep
- Assay setup
- Reagent setup
- Kit productions
- Plasma prep
- Format transfer

### Vessels

- Microcentrifuge tubes
- PCR strip tubes
- 6-, 24-, 48-, 96- and 384- well plates
- Culture flasks
- HPLC vials
- Cuvettes

### Liquids

- Aqueous:** buffers, culture media
- Viscous:** glycerol, protein, antibodies, master mixes
- Volatile:** ethanol, methanol, acetonitrile
- Others:** acids, bases, DMSO, chloroform

Note: Additional applications, vessels and samples may work well with NanoRep. Examples listed are for illustrative purposes only.

## Ordering Information

Product	Description	Material Number
<b>NanoRep electronic repeater pipette</b>	Electronic repeater pipette, charging cable, hang-up, 10 mL syringe tip	30568171
<b>NanoRep syringe tip, 0.1 mL (100 µL) Sterile 25/1</b>	1 pack of 25 tips	30575777
<b>NanoRep syringe tip, 10 mL Sterile 25/1</b>	1 pack of 25 tips	30575779
<b>NanoRep syringe tip, 50 mL Sterile 25/1</b>	1 pack of 25 tips	30575781
<b>NanoRep syringe tip, 0.1 mL (100 µL) 100/1</b>	1 pack of 100 tips	30575705
<b>NanoRep syringe tip, 10 mL 100/1</b>	1 pack of 100 tips	30575707
<b>NanoRep syringe tip, 50 mL 25/1</b>	1 pack of 25 tips	30575789
<b>NanoRep stand</b>	Pipette stand, non-charging	30575784
<b>NanoRep charging cable</b>	Charging cable	30348182
<b>NanoRep 3 hang-up accessory</b>	Rail Hang Up NanoRep RP	30584027



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