

IDEAL APPLICATIONS

- Research laboratories
- Clinical diagnostics
- Biotechnology & pharmaceuticals
- Education labs
- Chemical and analytical labs



SCAN ME



QT-MAX

FULLY AUTOCLAVABLE
MICROPIPETTES

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WHY CHOOSE QT-MAX?:

- ✓ Precision Engineered Performance
- ✓ Fully Autoclavable Design
- ✓ Ergonomic & Lightweight
- ✓ Wide Compatibility
- ✓ Calibration Assured (With Report)
- ✓ Trusted by Research & Industry
- ✓ Easy Volume Setting.



OVERVIEW

The QT-MAX Model from Qtech Scientific is a range of fully autoclavable micropipettes designed for accurate, reliable, and convenient liquid handling in laboratories. The product line includes both variable volume and fixed volume pipettes, catering to a wide range of scientific and analytical applications.

APPLICATION:

- **Molecular biology & PCR workflows:** Accurate pipetting for DNA/RNA extraction, PCR, qPCR, enzyme assays, and ELISA.
- **Pharmaceutical & chemical analysis:** Reliable dispensing for formulation studies, QC testing, and standard solution preparation.
- **Clinical & diagnostic laboratories:** Routine handling of reagents, serum samples, diagnostic kits, and microbiology work.
- **Food & environmental testing:** Sample preparation for water testing, food safety analysis, and environmental monitoring.
- **General laboratory use:** Ideal for daily pipetting tasks such as aliquoting, reagent addition, titration-like applications, and culture work.

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FIXED VOLUME PIPETTES:

Cat. No.	Volume μl	Inaccuracy %	Imprecision %
QT-MAX-F5	5 μl	± 2.5	< 1.5
QT-MAX-F10	10 μl	± 1.2	< 0.8
QT-MAX-F20	20 μl	± 1.0	< 0.4
QT-MAX-F25	25 μl	± 1.0	< 0.4
QT-MAX-F50	50 μl	± 1.0	< 0.3
QT-MAX-F100	100 μl	± 0.8	< 0.3
QT-MAX-F200	200 μl	± 0.8	< 0.3
QT-MAX-F250	250 μl	± 0.8	< 0.3
QT-MAX-F500	500 μl	± 0.8	< 0.3
QT-MAX-1000	1000 μl	± 0.8	< 0.3
QT-MAX-F5000	5 ml	± 0.8	< 0.3
QT-MAX-10000	10 ml	± 0.8	< 0.3

VARIABLE VOLUME PIPETTES:

Cat. No.	Volume μl	Increment μl	Inaccuracy %
QT-MAX-V10	0.5 – 10 μl	0.1	$\pm 5.0 - 1.0$
QT-MAX-V20	2 – 20 μl	0.1	$\pm 4.0 - 2.0$
QT-MAX-V50	5 – 50 μl	0.1	$\pm 2.5 - 1.4$
QT-MAX-V100	10 – 100 μl	1	$\pm 2.0 - 1.5$
QT-MAX-V200	20 – 200 μl	1	$\pm 1.5 - 1.0$
QT-MAX-V500	50 – 500 μl	10	$\pm 2.0 - 1.5$
QT-MAX-V1000	100 – 1000 μl	10	$\pm 1.5 - 1.2$
QT-MAX-V5000	0.5 – 5 ml	100	$\pm 1.5 - 0.5$
QT-MAX-V10000	1 – 10 ml	100	$\pm 1.5 - 0.5$

Each model provides:

- Precise volume increments (0.1 μl to 100 μl depending on range)
- Low inaccuracy percentage (as low as $\pm 1.0-1.5\%$)
- Smooth plunger movement for easy, fatigue-free operation