

**LabPRO**

Your Trusted Worldwide Lab Partner



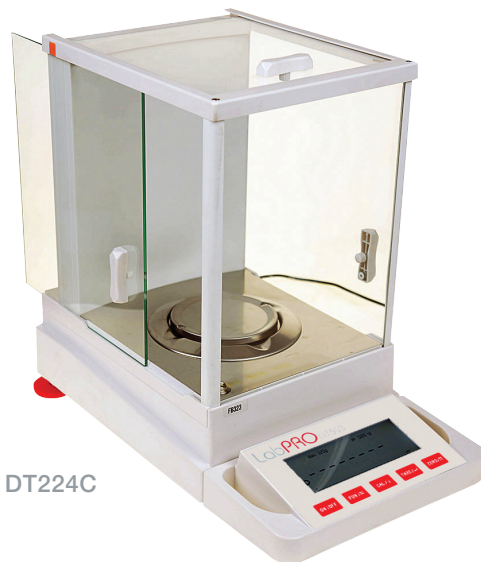
**LabPRO**

# LabPRO DT Series of High Precision Balances

- Excellent Performance
- Exceptionally Accurate
- Economical Value



DT224C



DT224C



DT3102

The DT Series of analytical and high precision balances from LabPRO delivers the accuracy and performance required in a host of laboratory, industrial and educational applications.

With the right blend of performance and features, LabPRO DT Series high precision balances offers high performance yet economical value for all your weighing needs.

## DT Series Precision Balances

Model	DT224C	DT503	DT3102
Capacity	220g x 0.0001g	500g x 0.001g	3100g x 0.01g
Readability	±0.0001 g	±0.0001 g	±0.01 g
Repeatability (at nominal load)	±0.0001 g	±0.001 g	±0.01 g
Linearity	±0.0002 g	±0.002 g	±0.02 g
Minimum sample weight (acc. to USP)	±0.16 g	±0.16 g	±0.16 g
Minimum sample weight (U=1%, k=2)	±0.016 g	±0.016 g	±0.016 g

Feature	Description	DT224C	DT503	DT3102
Performance & Consistency	Highly sensitive electromagnetic force balance principle enhances measurement resolution and consistency	✓	✓	✓
Patented Technology	Patented ceramic-variable capacitance sensor technology further ensures precision and accuracy	✓	✓	✓
Environment Resistant	Dynamic temperature compensation technology accounts and corrects changes in environment for accurate weighing	✓	✓	✓
Flexible operation	Multiple weighing modes allows user to adjust the tolerance and accuracy of measurement, and choose to prioritize between measurement speed and accuracy	✓	✓	✓
Smart Zero and Tare	Balance can be set to only tare when condition is stable, auto-zero near zero, or auto-zero when booted. This will ensure measurement accuracy, eliminate human error and save up much of your precious time	✓	-	-
Internal Calibration	Quick and simple internal calibration with few button clicks to maintain precision and consistency of balance	✓	-	-
External Calibration	External calibration with the help of calibration weight ensures that your weighing results remain consistently accurate	✓	✓	✓
RS-232 Interface	RS-232 interface enables the balance to effectively transmit weigh data to, or receives commands from PC or printer	✓	✓	✓
Multiple Weighing Units	Gram (g), milligram (mg), pound (lb), carat (ct), ounce (Oz), Newton (N) etc	✓	✓	✓
Counting Function	Calculates and estimates number of pieces weighed based on individual unit weight or reference mass	✓	✓	✓
Percentage Weighing	Compares the weight of weighed material to reference mass and calculate weight as a percentage of reference mass	✓	✓	✓
Custom Weighing	Weighing with user-defined weighing unit and conversion factor provides flexibility in your weighing applications	✓	-	-
Underhook Weighing	Underhook weighing enables weighing applications of large, magnetic or corrosive materials without compromising the accuracy or damaging the balance	✓	✓	✓
Sensitive Touch Screen	Touch screen display with Metro colour scheme eases eye fatigue and provides optimal user experience	✓	-	-
User Friendliness	User-friendly software enables simple and intuitive operation with zero learning curve	✓	-	-
Liquid Crystal Display (LCD)	Energy efficient, with wide viewing angle to display measurement and reading with large and segmented font for comfortable reading	-	✓	✓
LCD with Backlight	LCD backlight with adjustable brightness provides optimal contrast and excellent resolution for ensures readability under dim-lighting	-	✓	✓
Small footprint	Innovative design of balance results in reduced footprint while optimizing size of weighing chamber to save limited laboratory workspace	✓	✓	✓



# LabPRO Micropipette Series

Guaranteed **A**ccurate  
Continuously **A**djustable  
Completely **A**utoclavable



## Specifications

Model	Volume range µl	Increments µl	Accuracy		Coefficient of variation	
			±%	±µl	±%	±µl
LPP-2	0.2 - 2.0	0.002	2	0.04	1.2	0.024
LPP-10	0.5 - 10	0.02	1	0.1	0.5	0.05
LPP-20	2 - 20	0.02	0.8	0.16	0.4	0.08
LPP-50	5 - 50	0.1	0.8	0.4	0.4	0.2
LPP-100	10 - 100	0.2	0.6	0.6	0.2	0.2
LPP-200	20 - 200	0.2	0.6	6	0.2	0.4
LPP-1000	100 - 1000	1	0.6	6	0.2	42
LPP-5000	0.5 - 5000	10	0.6	30	0.2	10
LPP-10000	1 - 10000	20	0.6	60	0.2	20

The high precision micropipette series are essential to those who relies on accuracy, especially users in the fields of molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry, and genetics. Its nine volume range covers the complete pipetting range from 0.2 µl to 100 µl to offer its user a wider selection to find the most suitable model for any application.

### SoftGrip

With a soft contoured handle and a curved hilt the pipette rests comfortable in your hand, giving LabPRO the most

ergonomic pipette in the market.

### Volume adjustment

True one-handed volume adjustment for right and left handed operators, to reach your desired volume.

### Completely autoclavable

Autoclavable enable easy cleaning to reduce the risk of contamination. Steam autoclaving can be performed at 121°C, 1 bar for 20 minutes. After autoclaving the pipette must be cooled down and left to dry for 12 hours before use.

### Maximum precision and accuracy

The handle and mechanism have been especially designed for fixed volume pipettes. The pipette features reduced pipetting forces and excellent accuracy and precision that are required.

### Universal tip cone

Universal tip cone design compatible with major brands of tips.

# LabPRO Bottletop Dispensers



## Specifications

Model	Volume range ml	Increments $\mu$ l	Accuracy		Coefficient of variation	
			$\pm\%$	$\pm\mu$ l	$\pm\%$	$\pm\mu$ l
LPD-2.5	0.25 - 2.5	0.05	0.6	0.015	0.2	0.005
LPD-5	0.5 - 5	0.1	0.6	0.030	0.2	0.010
LPD-10	1 - 10	0.2	0.6	0.060	0.2	0.020
LPD-30	2.5 - 30	0.5	0.6	0.180	0.2	0.060
LPD-60	5 - 60	1.0	0.6	0.360	0.2	0.120
LPD-100	10 - 100	2.0	0.6	0.600	0.2	0.200

Accurate dispensing from an easy to use dispenser. LabPro Bottle Top Dispenser is a cost effective, safe, efficient, and durable bottle top dispenser, it has a re-circulation valve that re-directs liquid into the bottle to allow bubble free dispensing without any loss of reagent. Its smooth and soft plunger mechanism makes it easy to use in a demanding laboratory environment.

### Volume adjustment knob

180° rotation for easy & effortless volume setting.

### Calibration

Specially designed calibration tool is provided for convenient and quick in-lab user re-calibration. This is in compliance with glo/iso norms.

### Re-circulation valve

Prevents loss of reagent during purging.

### Adjustable delivery nozzle

adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions.

### Unique piston and springless valve

Specially designed, springless, PTFE valve manifold and pte piston ensures high chemical compatibility and smooth movement.

### Adaptors

Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes: 28, 30, 32, 36, 40 and 45 mm.

LabPRO

Your Trusted Worldwide Lab Partner - distributor details.

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