HTL LAB SOLUTIONS



LABMATE Soft

single channel pipette



SCIENCE AT YOUR FINGERTIPS

LABMATE Soft
single channel pipette

For years LABMATE variable volume pipettes have been the highlight of the HTL product range. Their outstandingly accurate and precise pipetting mechanism, well balanced and robust handle made LABMATE the pipette of choice for many laboratory professionals worldwide. The most recent version of this popular pipette - **LABMATE *Soft*** - combines so appreciated traditional design with the innovative thumb-friendly spring system and new volume setting pushbutton, making the daily pipetting routine an effortless and reliable experience.



RECALIBRATION SYSTEM
allows for quick but accurate pipette recalibration



VOLUME SETTING
using the pushbutton or thumbwheel



FINGER - HOOK
takes the weight, for a more relaxed grip



REDESIGNED SOFT SPRING SYSTEM
requires much lower pressures for pipetting



LARGER VOLUME DISPLAY
with easy-to-read numbers



UV RESISTANT BODY
can be safely sterilized with UV radiation - even prolonged exposure

HEIGHT ADJUSTABLE EJECTOR
to accommodate virtually all brand of tips





HIGHLY DURABLE SHAFT
constructed from tough PVDF guarantees highest mechanical and chemical resistance

IVD CE

Dual volume adjustment system

In order to meet preferences of all pipette users **LABMATE *Soft*** pipettes are equipped with a dual adjustment system. Pipette volume can be set precisely with one hand by the turn of the volume setting knob, whilst for rewinding of the volume counter the pipetting pushbutton can be applied. The top part of the pushbutton is rotational to prevent accidental changing of the pipette volume.

LABMATE Soft pipette series
ordering information

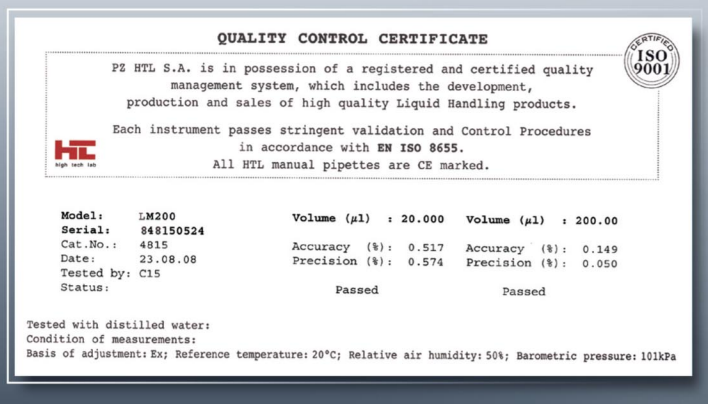
Model	Cat. no.	Colour code	Volume (µl)	A(%)	P(%)	Fit to tips (µl)
LM2*	4811	Red	0.2 1.0 Max 2.0	± 12.0 ± 2.7 ± 1.5	± 6.0 ± 1.3 ± 0.7	10
LM10	4812	Red	Min 0.5 5.0 Max 10.0	± 4.0 ± 1.0 ± 0.5	± 2.8 ± 0.6 ± 0.4	
LM20	4813	Yellow	Min 2 10 Max 20	± 3.0 ± 1.0 ± 0.8	± 1.5 ± 0.5 ± 0.3	200
LM50	4817	Yellow	Min 5 25 Max 50	± 2.5 ± 1.0 ± 0.8	± 2.0 ± 0.6 ± 0.4	
LM100	4814	Yellow	Min 10 50 Max 100	± 1.6 ± 0.8 ± 0.8	± 0.80 ± 0.24 ± 0.20	
LM200	4815	Yellow	Min 20 100 Max 200	± 1.2 ± 0.8 ± 0.6	± 0.60 ± 0.25 ± 0.20	
LM250	4810	Green	Min 50 125 Max 250	± 1.0 ± 0.8 ± 0.6	± 0.4 ± 0.3 ± 0.3	300
LM1000	4816	Blue	Min 100 500 Max 1000	± 1.6 ± 0.7 ± 0.6	± 0.40 ± 0.20 ± 0.15	1000
LM5000	4818	White	Min 1000 2500 Max 5000	± 0.6 ± 0.6 ± 0.5	± 0.25 ± 0.20 ± 0.15	5000
LM10000	4819	White	Min 1000 5000 Max 10000	± 2.5 ± 0.8 ± 0.5	± 0.6 ± 0.3 ± 0.2	10000



*The LM2 minimum volume is 0.1 µl

Quality Control

Calibrated and issued with a unique individual certificate of accuracy and precision to guarantee the standards set by the manufacturing quality management systems - certified to ISO 9001/2000.



QUALITY CONTROL CERTIFICATE

CERTIFIED ISO 9001

PZ HTL S.A. is in possession of a registered and certified quality management system, which includes the development, production and sales of high quality Liquid Handling products.

Each instrument passes stringent validation and Control Procedures in accordance with **EN ISO 8655.**
All HTL manual pipettes are CE marked.

Model:	LM200	**Volume (µl) : 20.000**	**Volume (µl) : 200.00**
Serial:	848150524		
Cat.No.:	4815	Accuracy (%): 0.517	Accuracy (%): 0.149
Date:	23.08.08	Precision (%): 0.574	Precision (%): 0.050
Tested by:	C15		
Status:		Passed	Passed

Tested with distilled water:
Condition of measurements:
Basis of adjustment: Ex; Reference temperature: 20°C; Relative air humidity: 50%; Barometric pressure: 101kPa

All LABMATE *Soft* internal components are engineered to bring a new standard in pipetting performance. All raw materials are carefully selected to guarantee long pipette life even in the most severe environments. Included in our comprehensive quality procedures:

- Component testing
- Durability testing
- Aging/Transportation testing





HTL LAB SOLUTIONS



Pipette stands

In order to ensure convenient storage of pipettes, HTL offers a wide range of single and multiple stands.



5446

CAROUSEL



5484

ROTATING



5447

MULTIPLE

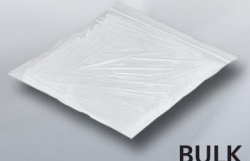


5480

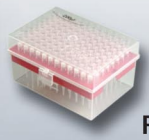
LINEAR

HTL pipette tips

HTL Pipette Tips are designed to fit a wide variety of single and multichannel pipettes. Flexible walls and the diameter of tips collars ensure a secure fit with less force required to load and eject. All pre-sterilized tips are exposed to e-beam radiation for complete security without degrading the plastic or performance. Tips are manufactured in one of the most technically advanced Axygen plastic disposable production facility in clean room conditions. HTL Pipette Tips are certified to be free from bio active contaminants as RNase, DNase or pyrogens. HTL tips are offered in standard, sterile and filtered versions in all popular packaging formats:



BULK



RACK



STACK RACK



REFILL SYSTEM

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CERTIFIED ISO 9001