

# MICROLITNERO

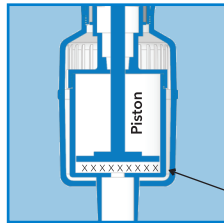
Single Channel Variable and Fixed Volume Micropipettes



# Single Channel Variable and Fixed Volume MICROPIPETTES

## Experience the Power of Precision During Routine Laboratory Operations

MICROLIT NERO is a range of ergonomic micropipettes that ensure high precision in practical lab environments with  $\mu$ Air™ technology. Built by our in-house team of product design engineers, it is available in Single Channel with Fixed and Variable Volume variants.



### Achieve Precision with $\mu$ Air™ technology

Our design ensures minimum dead air space between the piston and the liquid in the tip. This reduces air compression and enables the user to achieve precision in practical lab conditions.

*Minimum dead air space*



### Calibrate Efficiently with UniCal™ Technology

We have introduced a unique calibration mechanism which allows quick in-lab calibration in a single operation WITHOUT disengaging the digits from the plunger mechanism.



### Soft Plunger Movement

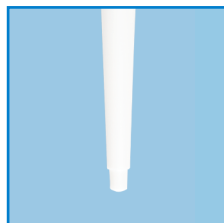
The lightest pipetting experience in the industry with 5-3N force for 1st step & 14-10N force for 2nd step (blowout).



### Eject Tips Easily with our Tip Ejector

An in-built tip ejector is designed to eject tips with optimal force.

*Tip Ejector*



### Use Various Tips with Universal Tipcone

Our tip-cone is designed to be compatible with most internationally accepted tips, which enhances the compatibility of the instrument in the industry.

The instrument is fully autoclavable at 121°C and 15 psi for a duration of 15-20 minutes.

## COLOUR CODING FOR EASY IDENTIFICATION



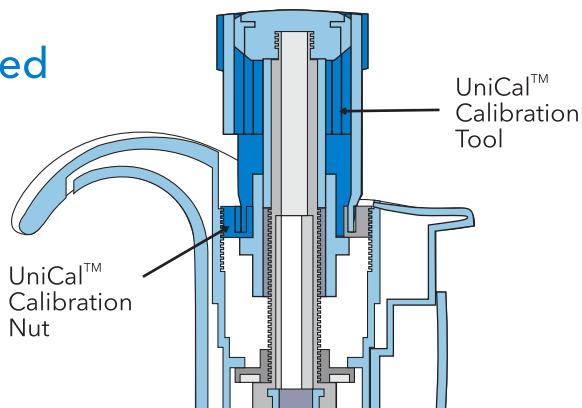
Colour-coding for different capacities facilitates easy identification during daily laboratory routine.



# Assured Quality with ISO 8655 Conformed CALIBRATION

The unique patent pending UniCal™ calibration technology\* allows users to calibrate NERO variable volume micropipette in a single step rather than the traditional hit and trial method.

\*Indian Patent Application No.: 202011009200



## SPECIFICATIONS AND ORDERING INFORMATION

FIXED VOLUME MICROPIPETTE	Model	Volume Range $\mu\text{l}$	$\pm\%$ Accuracy $\pm\mu\text{l}$		CV $\pm\mu\text{l}$	
	NRO-F-1	1.0	5	0.05	5	0.05
	NRO-F-2	2.0	4	0.08	2	0.04
	NRO-F-5	5.0	2	0.1	1	0.05
	NRO-F-10	10.0	1	0.1	0.5	0.05
	NRO-F-20	20.0	0.8	0.16	0.4	0.08
	NRO-F-25	25.0	0.8	0.2	0.4	0.1
	NRO-F-50	50.0	0.8	0.4	0.4	0.2
	NRO-F-100	100.0	0.6	0.6	0.2	0.2
	NRO-F-200	200.0	0.6	1.2	0.2	0.4
	NRO-F-250	250.0	0.6	1.5	0.2	0.5
	NRO-F-500	500.0	0.6	3	0.2	1
NRO-F-1000	1000.0	0.6	6	0.2	2	
NRO-F-2000	2000.0	0.6	12	0.2	4	
NRO-F-5000	5000.0	0.6	30	0.2	10	
NRO-F-10000	10000.0	0.4	40	0.2	20	

VARIABLE VOLUME MICROPIPETTE	Model	Volume Range	Inc. $\mu\text{l}$	$\pm\%$ Accuracy $\pm\mu\text{l}$		CV $\pm\mu\text{l}$	
	NRO-2	0.2-2.0 $\mu\text{l}$	0.01	2	0.04	1.2	0.024
	NRO-10	0.5-10 $\mu\text{l}$	0.05	1	0.1	0.5	0.05
	NRO-20	2-20 $\mu\text{l}$	0.1	0.8	0.16	0.4	0.08
	NRO-50	5-50 $\mu\text{l}$	0.2	0.8	0.4	0.4	0.2
	NRO-100	10-100 $\mu\text{l}$	0.5	0.6	0.6	0.2	0.2
	NRO-200	20-200 $\mu\text{l}$	1.0	0.6	1.2	0.2	0.4
	NRO-1000	100-1000 $\mu\text{l}$	5.0	0.6	6	0.2	2
	NRO-5000	0.5-5 ml	20.0	0.6	30	0.2	10
	NRO-10000	1-10 ml	50.0	0.6	60	0.2	20

The error limits (Accuracy and Coefficient of Variation) mentioned above are in accordance with DIN EN ISO 8655-2 and are based on the nominal capacity indicated on the instrument. MICROLIT NERO is calibrated in an ISO 17025 accredited laboratory according to ISO 8655 standards and a Calibration Certificate is included in the product package.

## OUR PRODUCT EXCELLENCE

MICROLIT NERO has won India Design Mark Award 2021.

We were also honoured by CII Industrial Innovation Awards and adjudged a place in top 25 Most Innovative Companies in India.



## OUR REACH



## YOUR SATISFACTION IS OUR PRIORITY

Microlit products follow GMP norms and are manufactured under comprehensive QA (Quality Assurance) & QC (Quality Control). Our products reflect the design philosophy of our organisation combining the best performance parameters with the best user experience. However, if you are dissatisfied with the operation of any of our products, get in touch with us or call your nearest Microlit dealer for free replacement.

## CONTACT US

### ★ **Microlit INDIA**

629 Pakramau, Kursi Road, Lucknow 226026, India  
Phone: +91 9918625629, Email: [info@microlit.com](mailto:info@microlit.com)  
[www.microlit.com](http://www.microlit.com)

### ★ **Microlit LATAM**

Business Place Ibirapuera, 9th Floor, Number 93,  
Alameda dos Jurupis 1005 - Moema,  
Indianópolis São Paulo, Brasil CEP - 04088-000,  
Phone: +55 11 93269-5932, Email: [info-latam@microlit.com](mailto:info-latam@microlit.com)

### ★ **Microlit USA**

33 Wood Avenue South, Suite 600, Iselin, NJ 08830, USA  
Phone: +1 732 321 0852, Email: [info-usa@microlit.com](mailto:info-usa@microlit.com)  
[www.microlit.us](http://www.microlit.us)

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