



R. V. INSTRUMENTS Pvt. Ltd.



Certificate No.  
ET/IVD/2017/1107

JAS-ANZ  
An ISO 9001 : 2015  
Certified Company

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# THE COMPANY OVERVIEW

**RV Instruments Pvt. Ltd.** is professionally managed liquid handling products manufacturing company producing high quality products. The products are sold Internationally through extensive distributors, sales and support network.

**RV Instruments Pvt. Ltd.** is ISO 9001-2015 certified company and products are **CE** certified.

With a presence in more than 35 countries world wide, **RV Instruments Pvt. Ltd.** has emerged as a fastest growing & reliable source of complete ranges of Liquid Handling products.

**RV Instruments** with its strong R&D base, is committed to continuous development and to live up to its customers's expectations.

Established in Lucknow(India) in an Eco friendly environment, **RV Instruments** has a strength of over 50 technically skilled team of professionals . Prompt deliveries and continuous customer support is basic policy of the company.

## 9. Mini Vertex Pipette Specification

These low cost fixed volume vertex minipettes are specially designed for use with various diagnostic kits reduced in length to 85mm & 130mm.

Maximum accuracy, two stage Plunger movement ensuring last drop dispensing. The Calibration conforming ISO 8655 standards. These high volume minipettes of 200  $\mu$ l, 250  $\mu$ l 500  $\mu$ l and 1000 $\mu$ l are specially designed for routine Laboratory work.



85 mm

### FEATURES :

NON AUTOCLAVABLE/FULL AUTOCLAVABLE (On customers demand can made fully autoclavable micropipette)

- Mini Vertex is fully autoclavable at 121c & 15 psi.
- STRICT QUALITY CONTROL
- Each pipette undergoes a strict quality control at every manufacturing stage.

### COLOUR CODING

Mini Vertex are coloured for different volumes for easy identification in laboratory.

### UNIQUE TIP-CONE

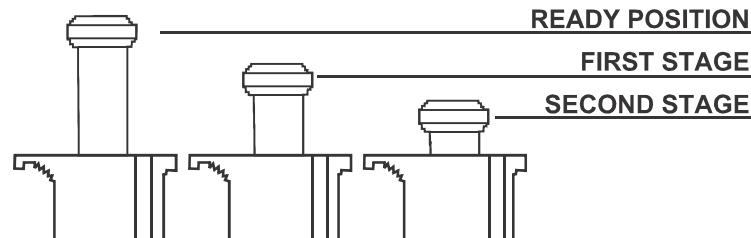
- The tip cone of Mini Vertex (3 $\mu$ l, 5 $\mu$ l, 10 $\mu$ l, 20 $\mu$ l) is designed to accept are regular type tips or ultra micro tips upto 20 $\mu$ l and 1000 $\mu$ l TIP size
- Use of Ultra micro tips for volumes upto 20 $\mu$ l enhances the accuracy and precision very significantly.



130 mm

### TWO STEP PLUNGER OPERATION

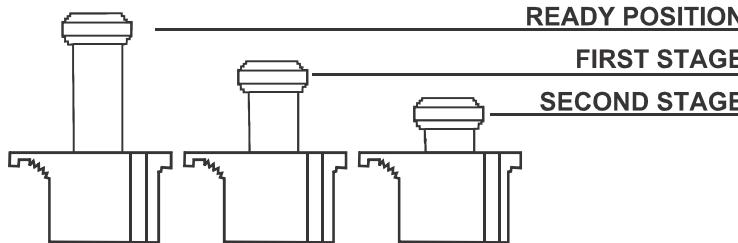
- This is a unique feature that makes Mini Vertex genuine miniature micropipette.



- Two-step plunger operation facilitates super blowout from the tip (last drop dispensing), resulting in very high accuracy & precision.
- This also allows the Mini Vertex to be used for reverse pipetting and repetitive pipetting.

### OPTIMUM SIZE

- Mini Vertex is 85 mm & 130 mm in length which is an optimum size for user comfort during pipetting.
- Mini Vertex is held like a pipette & not like a syringes



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Cat No.	Volume Capacity	Accuracy % ( $\pm$ %)	Precision (CV $\leq$ %)
MV-2.5	2.5 $\mu$ l	2.4	1.0
MV-3	3 $\mu$ l	2.4	1.0
MV-5	5 $\mu$ l	1.5	1.0
MV-10	10 $\mu$ l	0.9	1.0
MV-15	15 $\mu$ l	0.9	1.0
MV-20	20 $\mu$ l	0.6	0.5
MV-25	25 $\mu$ l	0.6	0.5
MV-30	30 $\mu$ l	0.6	0.5
MV-35	35 $\mu$ l	0.6	0.5
MV-40	40 $\mu$ l	0.6	0.5
MV-50	50 $\mu$ l	0.6	0.3
MV-70	70 $\mu$ l	0.5	0.5
MV-75	75 $\mu$ l	0.5	0.5
MV-100	100 $\mu$ l	0.5	0.3
MV-150	150 $\mu$ l	0.5	0.5
MV-200	200 $\mu$ l	0.5	0.5
MV-250	250 $\mu$ l	0.5	0.5
MV-500	500 $\mu$ l	0.5	0.5
MV-1000	1000 $\mu$ l	0.8	0.5

\*Any Intermediate volume can be manufactured on customer demand.



# R. V. Instruments Pvt. Ltd.



## Our Commitment

We are committed to manufacture & deliver our products under strict quality control and GMP norms. Each Micropipette & Bottle Top Dispenser is individually tested and calibrated conforming to ISO 8655 standards. However if you are dissatisfied in any way with the operation of product call our 24x7 customer service cell 9415036333

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