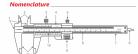


VERNIER CALIPER





- Step Measuring Faces
 Inside Measuring Faces
- Clamping Screw
 - Slider
 Clamping Screw for Fine
 - Adjustment

 Depth Measuring Blade
- Beam
 Main Scale
- Adjusting Screw for Fine Adjustment
- Vernier Scale
 Outside Measuring Faces

Technical Specifications _

Measuring Range	FVC150	0-150mm 0-16in
	FVC200	0-200mm 0-8in
	FVC300	0-300mm 0-12in
Accuracy	FVC150	±0.03mm 0.0012in
	FVC200	±0.03mm 0.0012in
	FVC300	±0.04mm 0.0016in
Resolution	0.02mm (0.001in)	
Material	Stainless Steel	
Working Temperature	5°-40°C 41°-104°F	
Humidity	Of no importance below 80%	
	of relative humidity.	

Preparation for Work

- 1) Before measuring, use a soft cloth to clean the measuring and sliding surfaces. The Caliper can be lubricated with a small amount of oil for smooth sliding.
- 2) Before you begin taking measurements with the Vernier Caliner, ensure that the zero lines of the main and the Vernier Scale coincide, and no gap can be observed between the jaws in the light.
- 3) The slider may be moved only when the clamping screw has been unlocked. Tighten this screw to lock the measurement. if the object needs to be removed before taking the reading.
- 4) Apply suitable force, and tighten both fine adjustment screws to get an accurate measurement.

Multiple Measurina Applications







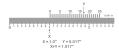


How to read your measurements Your reading will comorise of the sum of the main scale and

- Vernier scale reading : 1) Use the main scale to get your reading, X
- Take the Vernier scale reading at the graduation which coincides best with the one on the main scale, Y
 - 3) Your reading will be the sum of X and Y (X+Y)



0.001 in



Common Measuring Errors

Application of unnecessary force could lead to inaccurate jaw position and inaccurate measurements.

1)



Common Measuring Errors _

To avoid a visual/parallax error, view from a perpendicular direction when reading the Vernier scale.

A W

3)



4)



5)



Common Measurina Errors

6)



7)



8)



Maintenance Instructions

- Keep the Caliper clean and dry.
 Liquid can damage the slider.
- Measuring surfaces should be cleaned gently with cotton fabrics.
- Never use petrol, acetone, and the other organic solvents.







Warranty .

All FREEMANS Precision products are guaranteed for 1 year from the date of sale against manufacturing defects. This guarantee does not cover damage due to modifications, misuse or fair wear and tear.

Please Retain this Instruction Manual in Order to Claim Your Warranty (If Applicable).

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DIGITAL CALIPER MINI DIGITAL LEVEL







