# TRIMOS V1/V1+ Height Gauge

### At a Glance



Range: 306mm and 611mm

### Features

- Robust and Easily Portable
- Clear, Simple User Interface
- Counterweight for Operational Comfort
- Quick and Smooth Carriage movement
- Designed and manufactured in Switzerland
- Bidirectional Measurement Capability (V1+)
- Measuring Force Management (V1+)
- Available in 300 and 600 mm models

Introducing the latest **Trimos V1** range of height gauges. Expertly manufactured to replace the mini vertical height gauge, these entry-level instruments are designed to serve as the perfect bridge between the traditional world of scribers and the advanced realm of height gauges, reflecting the globally acclaimed Swiss dedication to precision, dependability, and user-friendly design.



## The V1 is ideal for beginners in precision measurement, simplifying unidirectional measurements and tracing with exceptional ease. It offers a smooth upgrade for those familiar with manual scribers, ensuring simplicity and robustness without compromise. Crafted to withstand even the most rigorous use, the V1 embodies Swiss durability and precision, with tailored features for immediate application.

V1/V1+

Height Gauge

Alternatively, the V1+ offers an upgrade to the fundamental features of the V1, addressing the needs of users seeking broader measurement capabilities. Introducing bi-directional measurement, it offers improved versatility without requiring additional accessories. With advanced fine adjustment and constant measuring force, the V1+ offers enhanced measurement precision.

Code No	20-V1-300	20-V1-600
Measuring Range (mm / inch)	306 / 12	611 / 24
Max Permissible Errors, BMPE (mm)	0.018	0.030
Repeatability, RMPE (2s) (mm)	0.010	
Max. Resolutions (mm / inch)	0.01 / 0.001	
Autonomy (h)	2000	
Interfaces	RS232	
Max. Travel Speed (mm/s)	1500	
Weight (Steel Base) (kg)	7	8

Code No	20-V1+300	20-V1+600
Measuring Range (mm / inch)	306 / 12	611 / 24
Max Permissible Errors, BMPE (mm)	0.015	0.025
Repeatability, RMPE (2s) (mm)	0.005	
Max. Resolutions (mm / inch)	0.001 / 0.0001	
Measuring Force (N)	3	
Autonomy (h)	2000	
nterfaces	RS232	
Max. Travel Speed (mm/s)	1500	
Veight (Steel Base) (kg)	7	8
Weight (Granite Base) (kg)	13.4	15

The above values were determined in accordance with ISO 13225 using the TA-MI-121 insert.

RMPE is defined as 2 times the standard deviation (2s) over a series of 20 height measurements.

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