Trimos V4 Height Gauge

The V4 vertical measuring instruments have been developed for the most difficult workshop environments.

The display unit provides functions that are directly accessible and depicted with symbols that are easy to understand. This allows for easy and quick handling even by unqualified personnel. The large 2-line 'Black Mask' display offers an exceptional contrast in all lighting conditions, a unique characteristic on the market.

The V4 is equipped with a second probe holder as well as with an air cushion for easy displacement on the measuring table. The programmable function buttons on the handle allow quick access to the most used functions.

Swiss Precision

RS232

USB

15% OFF LIST PRICE

Features:

- Measuring range: 400 and 700mm
- Extremely easy to use
- Electronically adjustable measuring force
- Autonomy: 40 h (lithium-ion batteries)
- Standard probes up to 450mm long available
- Vast range of accessories
- All adjustments possible without tools
- RS232 and USB interfaces
- The RF version has fine adjustment options

Trimos V4 Digital Height Gauge

Code No	Range (mm)	List Price	Special Offer Price
20-V4-400	407	£3,464.00	£2,944.00
20-V4-700	711	£4,029.00	£3,425.00

Case Study

Voxeljet

3D printing system manufacturer voxeljet UK Ltd has cut its measurement processing time by 50% using a Trimos height gauge supplied by Bowers Group.

As a group, voxeljet produces 3D printing systems, with the subsidiary in the UK offering services on these printers, including the production of sacrificial moulds used in the casting process. voxeljet offers services for a variety of sectors, including the aerospace and automotive industries. As industries renowned for their precision component parts, quality is extremely important; therefore high levels of accuracy and traceability must be met.

Employees at voxeljet previously found some of the complex geometries they had to deal with particularly difficult to measure due to the lack of flat surfaces to measure from. The height gauge has allowed voxeljet to find and measure the exact point on a curved surface in a more reliable manner. The Trimos height gauge has also allowed voxeljet to measure very large components that could not previously be measured using calipers with high accuracy, precision and reliability.

Bowers Group also supplied voxeljet with a Sylcom kit that is used similarly with the height gauge, but with capabilities for smaller dimensions. For example, the width of a part (sideways measurement) and the diameter or depth of a hole is an awkward angle for the height gauge to reach properly. The height gauge has, however, been more than suitable for the majority of the parts that voxeljet measure. The Sylcom Bluetooth module has also allowed voxeljet to eliminate the opportunity for human error, because it allows for instantaneous entering and recording of measurement data into the business' templates.

"The service we've received from Bowers Group has been fantastic. We had an issue with a loose grub screw a few months ago, which we couldn't diagnose, and Bowers was extremely prompt in sending a technician to quickly solve the problem for us."

Jonathan Wright, Research and Development Engineer at Voxeljet

Jonathan Wright commented: "The service we've received from Bowers Group has been fantastic. We had an issue with a loose grub screw a few months ago, which we couldn't diagnose, and Bowers was extremely prompt in sending a technician to quickly solve the problem for us."