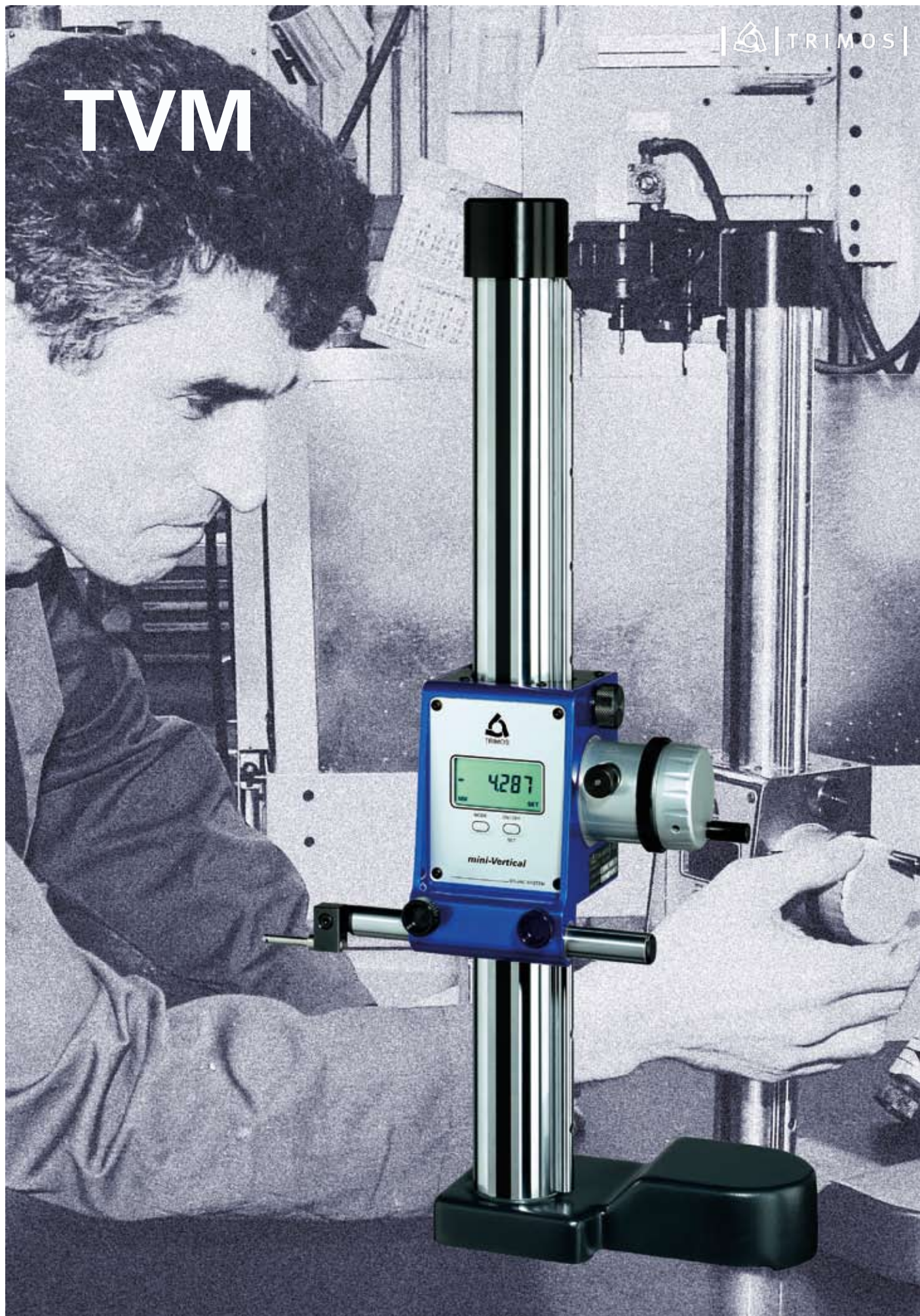


TVM



TVM

INTRODUCTION

The Mini-Vertical instruments are perfect for height measurements and scribing work and reliable in all kinds of workshop conditions. The result of an unique, compact design of the instrument is great mobility and extreme stability.

Because of its advanced measuring system, the self-contained working time of the mini-Vertical is one year. Therefore it can be used for multiple applications in the workshop area. The simplicity of manipulation allows constant change of the user without any time-consuming training.

The success of the Mini-Vertical among competitive gauges is outstanding. More than 13'000 instruments are in use worldwide.

Three models are available : with application range from 300 to 1000 mm. A large range of accessories for all kinds of measuring applications is available.

Robust and compact construction

Perfect for use in production area

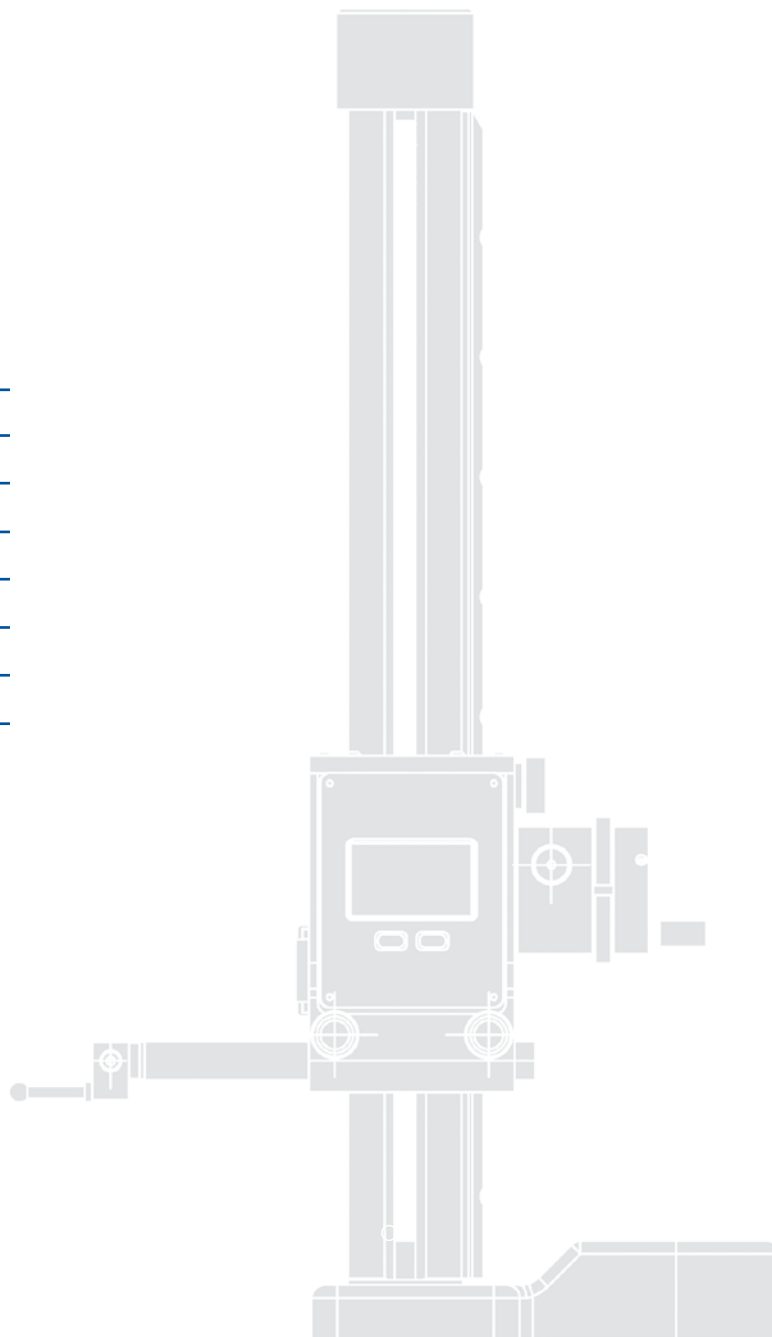
Accurate and reliable measurements

User friendly

Opto-RS232 data output






Rechargeable battery pack

Two models : cast iron base or a granite base



TVM

DESCRIPTION

 Surfaces	 Internal/external diameters	 Min / Max / Delta
 2 references	 Tolerances	



TVM

DISPLAY/SOFTWARE

The clearly defined functions of the display unit allow to collect all height measuring values.

Min/max function indicator

2 references

End of battery life warning indication

PRESET selection

Measuring unit (mm/in) indicator

Tolerance mode indicator



sylvac system



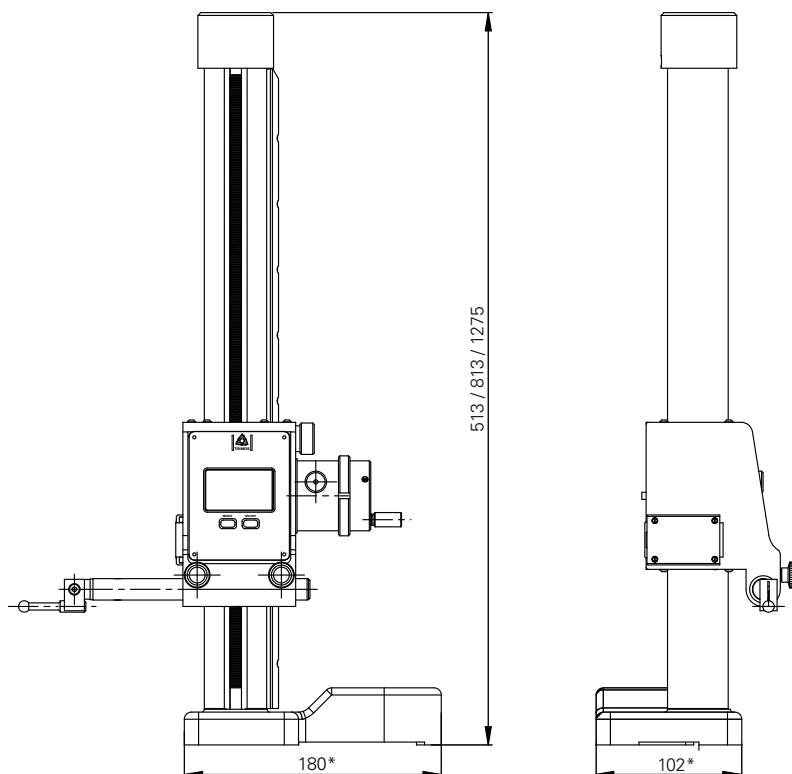
TECHNICAL SPECIFICATIONS

TVM		302/302G	602/602G	1002
Measuring range	mm(in)	320 (12)	620 (24)	1020 (40)
Resolution	mm(in)	0.01/0.001 (.0005/.00005)		
Max. permissible errors ¹⁾	mm	0.02	0.03	0.04
Repeatability (2s) ¹⁾	mm	0.005		
Displac. speed of the measuring carriage	mm/s	1.5		
Measuring force	N	3		
Frontal squareness deviation ¹⁾	mm	0.02	0.03	0.03
Data output		OPTO RS232		
Height (with cast iron base)	mm	513	813	1275
Height (with granite base)	mm	558	858	---
Weight (with cast iron base)	kg	6.2	10.5	24
Weight (with granite base)	kg	14	18.3	---

¹⁾ Values valid at temperature of 20±0.5°C and relative humidity of 50±5%.

TVM

DIAGRAM



* TVM 302 and 602 only

STANDARD INSTRUMENT

The TVM 302/302G - 602/602G instruments are supplied as follows :

- Instrument according to specifications
- Measuring insert holder (609 05 061)
- Lithium battery, 3 V
- Protection cover
- User's manual
- Test certificate

The TVM1002 instrument is supplied as follows :

- Instrument according to specifications
- Measuring insert holder TVA1 (612 11 028)
- Lithium battery, 3 V
- Protection cover
- User's manual
- Test certificate

CODE NUMBER

Cast iron base

Granite base

TVM302

TVM302G

Measuring range 320 mm

TVM602

TVM602G

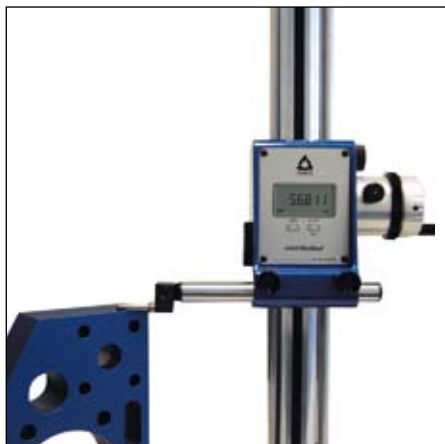
Measuring range 620 mm

TVM1002

Measuring range 1020 mm

TVM

APPLICATIONS



Height and depth measurements



Diameter measurements



Measuring of centerline distances



Scribing



Ease of handling