

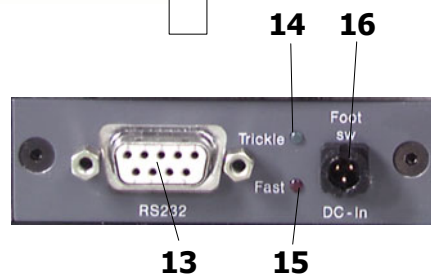
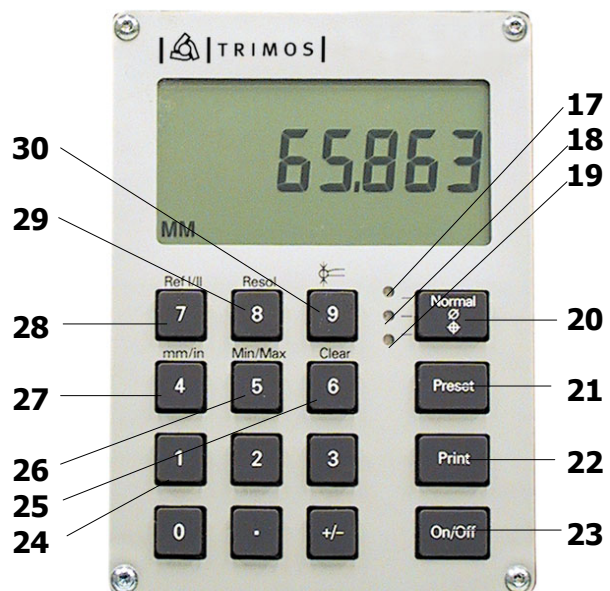
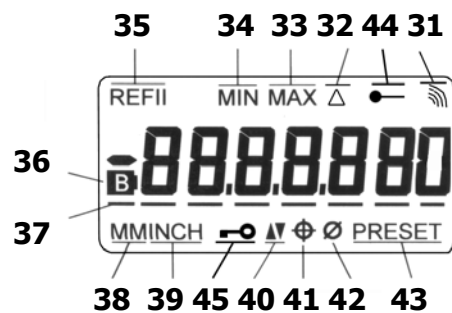


User's manual
V300+ / V600+ / V1000+
750 50 0004 03 / Version 2.0



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1. Description of the instrument

1. Handwheel allowing the displacement of the measuring probe.
2. Locking device to activate the fine adjustment.
3. Fine adjustment screw.
4. Switch to activate the air cushion. (Version **C**)
5. Handle allowing the displacement of the instrument.
6. Measuring probe.
7. Screw to adjust the measuring pressure (0.7N-1.6N, adjustable) (wrench /2mm)
8. Lever for fast displacement.
9. Screw for locking the measuring carriage (wrench 2mm) (**Screw, chromium-plated**)
10. Control screw to adjust the floating probe suspension. (wrench 2mm)
11. Bracket for printer.
12. Printer RS 232.
13. RS 232 connector.
14. Green light = Indicates the trickle charge with AC adapter connected.
15. Red light = Indicates fast charging.
16. Connector for AC adaptor or data transmission foot pedal.
17. **Green** light = normal measuring mode.
18. **Orange** light = measuring diameters.
19. **Yellow** light = measuring centerlines.
20. **NORMAL** or **DIAMETER/CENTERLINE** mode key.
21. **PRESET** key = set the display at zero or memorizes preset values.
22. **PRINT** key = RS232 data output.
23. **ON-OFF** key = ON / OFF Switch.
24. Numerical keyboard.
25. **CLEAR** key = reinitialises the minimum/maximum/delta memories.
26. **MIN/MAX/DELTA** mode key.
27. **MM/INCH** key, true conversion Metric – Inch – Metric.
28. **REF I / REF II** selection key.
29. Resolution key. (0.010/0.001mm or .0005/.00005")
30. Probe constant key.

2. Display functions

31. Indication of sending data.
32. Indication of **DELTA** mode.
33. Indication of **MAX** mode.
34. Indication of **MIN** mode.
35. Indication of **REFII** mode.
36. Indication of low battery level – connect the AC adaptor.
37. Indication of measuring values.
38. Indication of **MM** mode.
39. Indication of **INCH** mode.
40. Indication of measuring direction.
41. Indication of centerline mode.
42. Indication of diameter mode.
43. Indication of **PRESET** mode.
44. Indication of **CONSTANT** mode.
45. Indication of keyboard locked.

3. Distinctive characteristics

The V300, V600 and V1000 are height measuring instruments, self-contained, controlled by a microprocessor.

- Easy to operate.
- Self-contained operation for a period of: without air cushion : max.100h.
: with air cushion : max. 50h.
- Rechargeable battery.
- Big display.
- Acceptance of measured values by an acoustic signal.

4. Specifications

Designation	V300	V300C	V600	V600C	V1000	V1000C
Measuring range	300 mm or 12"		600 mm or 24"		1000 mm or 40"	
Application range	535 mm or 21"		835 mm or 32.8"		1235 mm or 48.6"	
Resolution	0.01 mm / 0.001 mm or .0005" / .00005"					
Overall measuring accuracy	3 µm + (L(mm))/300 = µm or .00012" + (L(inch))/300000 = inch					
Repeatability	± 2 s = ≥ 2 µm or .00008"					
Max. displacement speed of the measuring carriage	3m/120" per second					
Measuring pressure	0.7 N – 1,6 N (adjustable)					
Measuring system	differential capacitance Sylvac (patented)					
Power supply	Battery powered (rechargeable)					
Operational time	100 h.	50 h.	100 h.	50 h.	100 h.	50 h.
Squareness deviation overall (in measuring direction)	5µm or .0002"		8 µm or .0003"		12 µm or .00047"	
Data output	RS 232 C					
Operational temperature limit	+ 10 °C to +40°C or 50° F to 104° F					
Total height	565 mm or 22.2"		865 mm or 34"		1275 mm or 50"	
Weight	10 kg		12,3 kg		15,3 kg	

5. Delivery

The TRIMOS V300, V600 and V1000 are supplied as follows :

- Ruby ball probe dia. 4 mm (**V-1**)
- Hex screwdriver wrench 2 mm (**T016-INB.2**), Hex screwdriver wrench 2,5 mm (**T016-INB.3**)
- AC adaptor set 8.5V / 700mA sector, depending on country.
- Dust cover.
- Test and guarantee certificates, user's manual.

Vertical automatic	Code number without air cushion	Code number with air cushion
Measuring range 300mm /12", 220 V	V300/220	V300C/220
Measuring range 300mm /12", 240 V	V300/240	V300C/240
Measuring range 300mm /12", 110 V	V300/110	V300C/110
Measuring range 300mm /12", 100 V	V300/100	V300C/100
Measuring range 600mm /24", 220 V	V600/220	V600C/220
Measuring range 600mm /24", 240 V	V600/240	V600C/240
Measuring range 600mm /24", 110 V	V600/110	V600C/110
Measuring range 600mm /24", 100 V	V600/100	V600C/100
Measuring range 1000mm /40", 220 V	V1000/220	V1000C/220
Measuring range 1000mm /40", 240V	V1000/240	V1000C/240
Measuring range 1000mm /40", 110 V	V1000/110	V1000C/110
Measuring range 1000mm /40", 100 V	V1000/100	V1000C/100

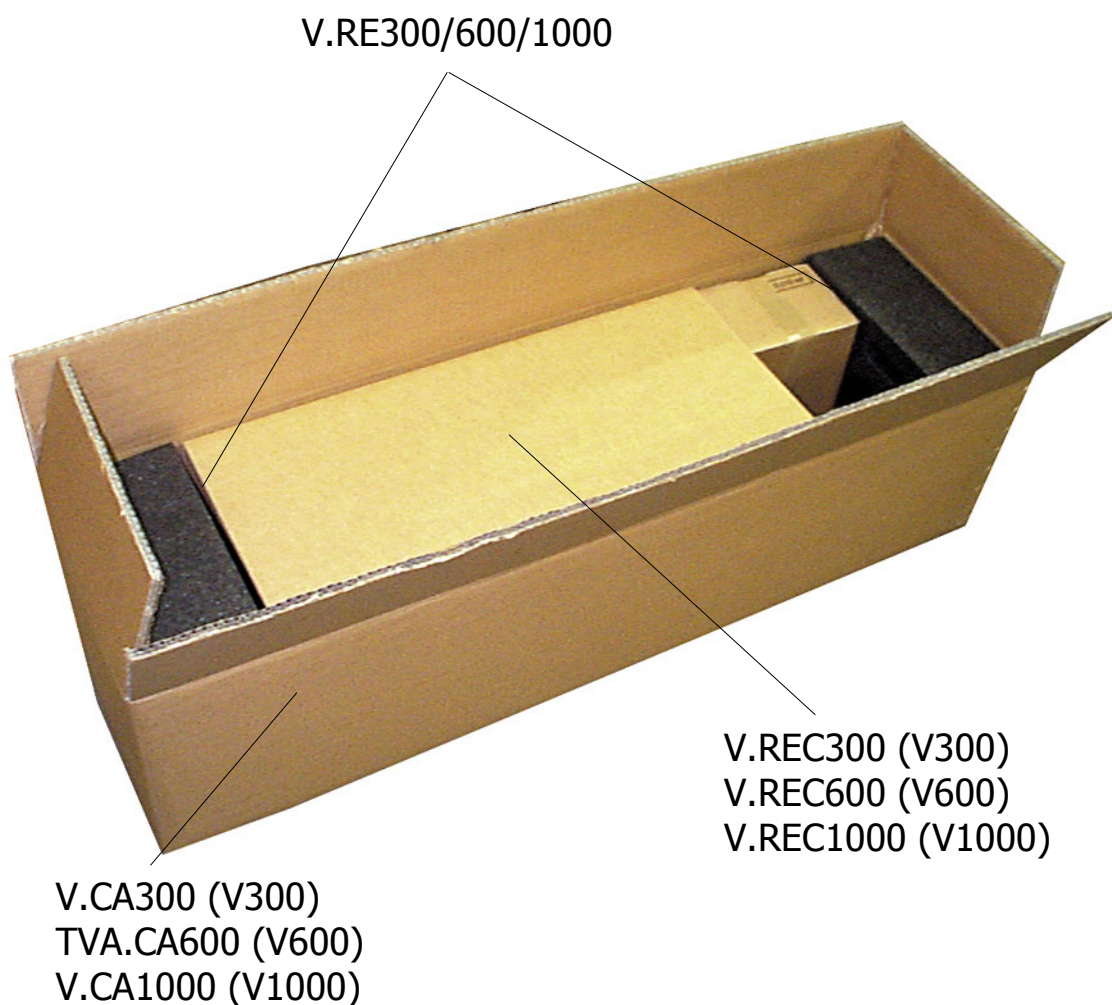
Options : see optional accessories (page 22-26)

6. Unpacking and installation

The V300, V600 and V1000 are supplied in a shock proof box.
The instrument itself is surrounded with a protection cover.

- To unpack the instrument lay the box in a horizontal position,
Brand name visible on top, open it and take the instrument out carefully.
- Take off the protection cover.
- Insert the ruby ball (**V-1**).
- Unlock completely the transport safety screw (**9**), **Screw, chromium-plated.**
- Clean the instrument, especially the three point air bearings on the base.
DO NOT USE CHEMICAL PRODUCTS.
- Place the instrument on a granite surface table.

FOR FUTURE TRANSPORT KEEP THE ORIGINAL PACKING.



7. Getting started

The instrument stands on a granite surface table
(or e.i. cast Iron table)

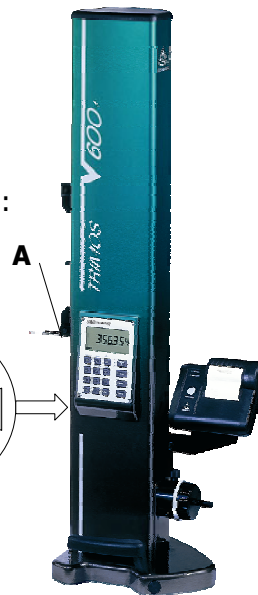
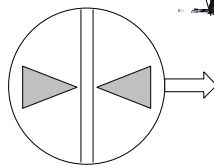
- Switch **ON** the instrument by pressing the key (**ON**).



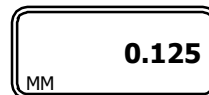
- The display will show



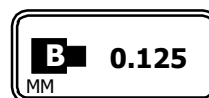
- The reference of the column must be taken :
- Move the probe (**A**) slowly and cross the two arrows to take the reference. This operation will memorized this reference point improve the accuracy of the instrument.



- The display will begin to count.
If during this operation the display doesn't count.
restart the operation again.



- If the indicator (**36**) showing complete battery discharge, connect the AC adaptor. The instrument remains opérational.
Complete recharging takes **15 hours**.



- It will not do any harm by connecting the AC adaptor continuously, because it will charge the instrument with a maintenance power.

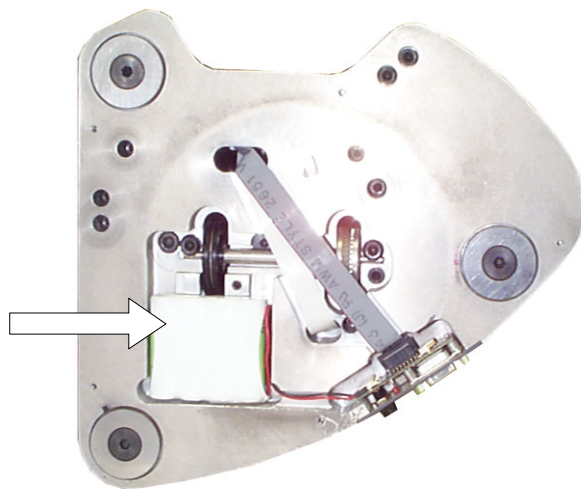
IT IS NOT NECESSARY TO WAIT FOR THE INSTRUMENT TO BE FULLY CHARGED BEFORE USE :
INSTRUMENT CAN BE USED DURING CHARGE CYCLE.

8. REPLACING THE BATTERY PACK

As soon as the autonomy of the instrument becomes insufficient, the battery pack should be changed. (**Lifespan about 4 to 6 years**)

1. Purchase a battery pack from your TRIMOS distributor.
2. Switch off the instrument.
3. Place the instrument in an horizontal position onto a table. (steady)
4. Unscrew the base plate. (5 screws)
5. Disconnect the battery pack (**A**)
6. Connect the new battery pack and refit the base plate. Take care not to damage Any connecting cables.
7. Charge the new battery pack **~15 heures**.

Battery pack
Code number
151-331.009



9. Adjusting the measuring pressure

DO NOT ADJUST UNLESS IT IS REQUIRED !

Tools to be used

- 1 Hex screwdriver wrench (2 mm)
- 1 Dynamomètre (force gage) 0 – 300 grs
- The adjustment screw (7) is situated at the left side of the column, inside on the measuring carriage.
- The measuring pressure is factory set at approx. 1 N.
- By turning this adjustment screw **anticlockwise**, the measuring pressure will be **decreased**. (2 turns = ~0.1N)
- By turning this adjustment screw **clockwise**, the measuring pressure will be **increased**. (2 turns = ~0.1N)
- The measuring pressure range is :
min : 0.7N – max : 1,6N.

How to adjust ?

- Measure the dynamometer until the acoustic signal ring.
- Read the dynamometer (e.i. : 100 grs).
To be more accurate, measure by using the fine adjustment.



10. Adjustment of the floating probe suspension

DO NOT ADJUST UNLESS IT IS REQUIRED !

Tools to be used

- 1 Hex screwdriver wrench (2mm)
- 1 Dynamometer (force gage) 0 – 300 grs.
- The adjustment screw (10) is situated on the left side of the column, inside on the measuring carriage.
- If the measuring pressure is **higher in the upwards** direction (**probe too heavy**), turn the control screw **anticlockwise**. (1 turn = ~10 grs.)
- If the measuring pressure is **higher in the downwards** direction (**probe too light**), turn the control screw **clockwise**. (1 turn = ~10grs.)
- The TRIMOS probes weights about ~25grs, the probe suspension could be adjusted upto a probe of 150grs.

How to adjust ?

- Measure the dynamometer until the acoustic signal ring.
- 1. (from bottom to top)
- Read the dynamometer (e.i. : 100 grs)
- 2. (from top to bottom)
- Read the dynamometer (e.i. : 102 grs)
- **The measuring pressure has to be equal in both directions.**



11. Main functions

	Switches the instrument ON or OFF .
	Sending data RS232, only when measuring. ((See page 18) for other settings)
	Set the display at zero or memorizes preset values.
	Normal key mode, green light on, measuring heights of normal and Reversed surfaces. (The probe constant must have been previously entered to measure reversed surfaces. Ø, key mode, orange light on, measuring diameter (takes account of probe constant). Measures internal or ecternal diameters in any sequences. ⊕, key mode, yellow light on, displays the centerline. Comes after the diameter display, as soon as : - the probe is released or - the Normal, Ø, ⊕ key is pressed.
	Displays the probe value. Return to measuring mode without change : press any key. - Measuring the constant : one measurement on each side of the setting gauge (see page 13).
	Changes the display resolution : 0.001mm <-> 0.01mm or : .00005 " <-> .0005 "
	Direct conversion of mm <-> inches.
	Reinitialises the maximum, minimum and delta memories.
	Change of reference mode (REFI / REFII)
	Modes : Minimum -> Maximum -> Delta 

12. Secondary functions



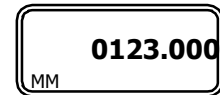
Memorizing a preselected value :
Press **Preset** key (long pressure on the key ~2 sec.)



Introduce a preselected value from the numerical Keyboard.



Confirm the preselected value by pressing again The **PRESET** key. The preselected value is memorized.
(A second preselected value can be memorized on **REF II** mode.)



Initialization functions :



To lock or unlock the conversion : switch the instrument On while pressing the mm/in key.
Instrument previously initialized in **mm**.
Locking the **In** conversion :
Instrument **OFF**, hold down **mm/in** key when switching **ON** the instrument.
(To unlock the conversion repeat the opération).



Instrument previously initialized in **Inch**.
Locking the **mm** conversion :
Instrument **OFF**, hold down **mm/in** key when switching **ON** the instrument.
(To unlock the conversion repeat the opération).

13. How to start up ?

13.1 Setting the probe constant.

To measure reversed surfaces, or diameters, the instrument takes account of the probe constant, i.e. the diameter of the ball and its deflection. The **green** light comes on when the probe comes into contact with the part being measured.

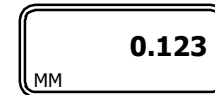
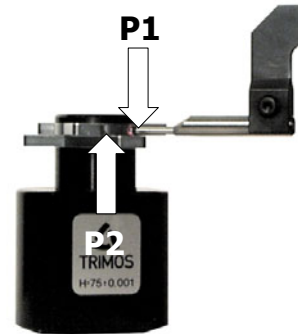


1. Switch **ON** the instrument, then press



key

Move the probe across the two arrows to initialize the column reference (see page 8)



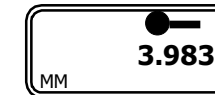
2. Memorizing the constant : press



key



3. Touch surface (**P1**) (**green** light **ON**)
4. Touch surface (**P2**) (**green** light **ON**)
5. Release the probe. The probe constant is memorized for future measures.



Attention :

The probe constant must be reset after changing probe or after moving the probe position.

13.2 Measuring heights

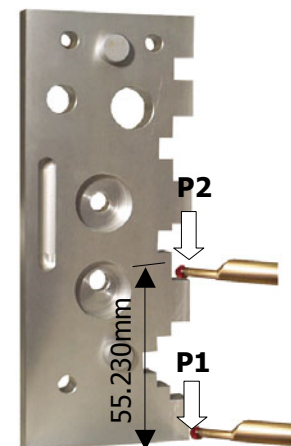
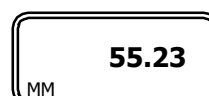
Taking the reference : Touch the reference plane (**P1**), the **green** light is **ON**.

1. Press **PRESET** key quickly (>1 sec.)



Set the display at zero, or memorizes **PRESET** value.

Measuring height : Touch surface (**P2**), the **green** light is **ON**. The value is displayed.



13.3 Measuring diameters and centerlines.

The probe constant value should already have been memorized : (see page 13)

1. **Normal** mode, if necessary press



key, lights **OFF**

0.000

MM

2. Touch the reference plane (**P1**)



green light **ON**

21.000

MM

3. Press **PRESET** key quickly (>1 sec.), to set the display at zero.

0.000

MM

Realise the probe.

4. Change to **Diameter/Centerline** mode by pressing



key, **orange** light blink.

0.000

MM ▲ ▼ Ø

5. Place the probe inside the bore to be measured and touch a point (**P2**) which is well away from the reversal point.

90.213

MM ▼ Ø

6. Move the part or the instrument sideways to the probe. The reversal point is memorized.

86.696

MM ▼ Ø

7. Touch a point (**P3**) well away from reversal point.

30.291

MM ▲ Ø

8. Move the part or the instrument sideways to the probe. The diameter is displayed as well as the Ø symbol.

31.003

MM ▲ Ø

9. Displaying the centerline can be done in 2 ways :

1. by releasing the probe.

169.938

MM ⊕

(no possibility to ask again measured diameter)

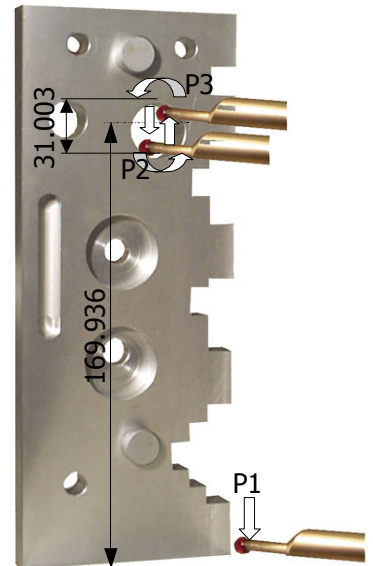
2. by pressing the key (**Yellow** light **ON**)



The centerline is displayed, as well as the ⊕ symbol.

169.938

MM ⊕

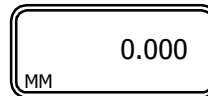


13.4 Measuring with min and max mode.

1. **Normal** mode, if necessary press



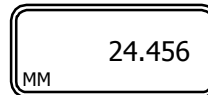
Key (lights **OFF**)



2. Touch the reference plane (**P1**)



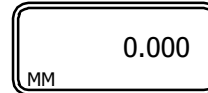
(**green** light **ON**)



3. Press **PRESET** key quickly (>1 sec.) to set the display at zero.

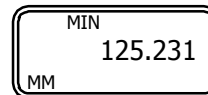


key



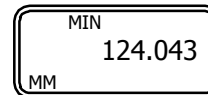
4. Place the probe inside the groove to be measured and touch a point (**P2**) which is well away from the reversal point.

5. Press **MIN/MAX** key to **MIN**



6. Move the part or the instrument sideways to the probe. The reversal point is memorized.

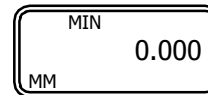
The first value is displayed.



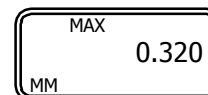
7. Press **PRESET** key to set the reversal point at zero.



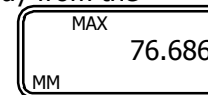
key



8. Press **MIN/MAX** key to **MAX**

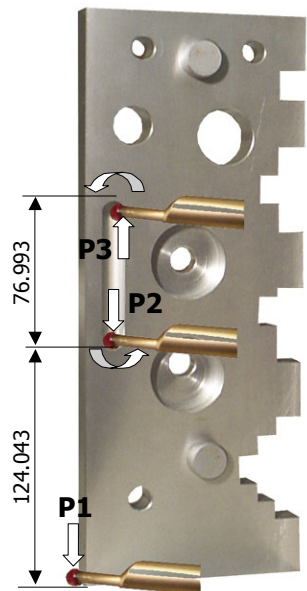
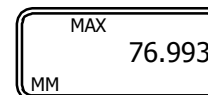


9. Place the probe inside the groove to be measured and touch a point (**P3**) which is well away from the reversal point.



10. Move the part or the instrument sideways to the probe. The reversal point is memorized.

The second value is displayed.



13.5 Measuring with Delta mode

1. **Normal** mode, if necessary



Key (**lights OFF**)

0.000
MM

2. Touch the reference plane (**P1**)

102.678
MM

3. Delta mode, press MIN/MAX key to Δ



(Press 3 times the key)
(MIN,MAX,DELTA)

Δ 0.000
MM

4. Move the part or the instrument sideways to the point (**P2**).

Delta is memorized. (Delta = maximum-minimum)

Δ 0.022
MM



13.6 Measuring of squareness.

1. Use a lever dial indicator and clamp it into the holder (**A**).
2. Adjust the lever dial indicator against the surface to be measured. Set the lever dial indicator to zero.

3. **Normal** mode, if necessary press



Key (lights **OFF**)

12.567
MM

4. Press

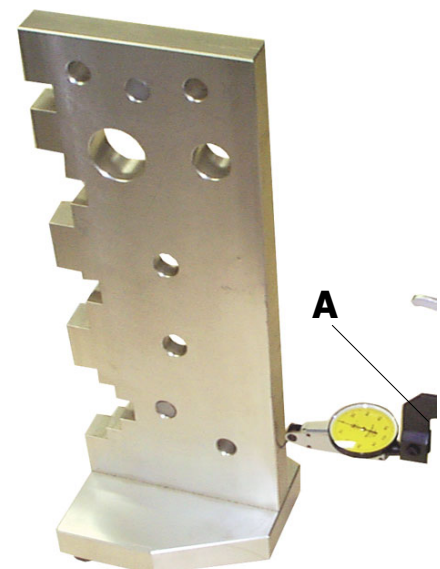


Key, to set the display
at zero.

0.000
MM

5. Move the lever dial indicator along the surface to be measured.

6. Read the lever dial indicator for squareness value and digital display for the height displacement value.



13.7 Measuring with two references

1. **Normal** mode, if necessary press



Key (lights **OFF**)

0.000

MM

2. Touch the reference plane (**P1(REF I)**)

-12.456

MM

3. Press the **PRESET** key



To set the **REF I** to zero.

0.000

MM

4. Touch the reference plane (**P2(REF II)**)

299.985

MM

5. Press



Key to activate the **REF II**

REFII
130.098

MM

6. Press the **PRESET** key



To set the **REF II** to zero

REFII
0.000

MM

7. Touch surface (**P3**)
The display show the measurement from **REF II**

REFII
-184.912

MM

8. Press



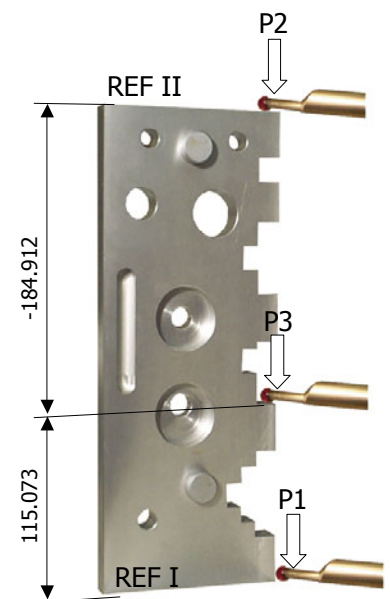
key to change from **REF II** to **REF I**
The display show the measured value from **REF I**.

115.073

MM

Note :

In **REF I** the display show the measured value only.
In **REF II** the display show the measured value and **REF II**.



14. Initialization of printing mode

 +  Instrument **OFF**
 Hold down the **PRINT** key when switching **ON**
 by pressing **PRINT** key again.

 by pressing **PRINT** key again.

 When your choice of printing mode is done, press any numerical key.

 by pressing the **PRINT** key.

 To exit of the initialization printing mode press any numerical key.

Pri 1
MM

Pri 2
MM

Pri 3
MM

nr oFF
MM

nr on
MM

123.000
MM

Pri 1 = Print out of numerical value (**manual**)
Pri 2 = Print out of numerical value (**manual**) and print out of measuring unit (mm or In.)
Pri 3 = Print out of numerical value (**automatic**) and print out of measuring unit (mm or In.)
nr on = Print out with a sequential numbering.
nr off = Print out without a sequential numbering.

Manual print out :

In manual print out mode, one of the **green, orange** or **yellow** lights must be **ON**, and after every pressure of the **PRINT** key the displayed value is printed.

Pri 1 MM	nr oFF MM	123.000
Pri 1 MM	nr on MM	001 123.000
Pri 2 MM	nr oFF MM	123.000 mm
Pri 2 MM	nr on MM	001 123.000 mm

Automatic print out :

In automatic mode, after every measurement the value is printed.



Pri 3 MM	nr oFF MM	123.000 mm
Pri 3 MM	nr on MM	001 123.000 mm

Zero setting of sequential numbering.

16. AC adaptor, external contact

If the indicator (36) showing complete discharge is displayed, connect the AC adaptor. The instrument remain operational. Complete recharging takes 15 hours.
A foot pedal may be connected to the external contact (16) for data transfer.
Another functions may be assigned to it.. (see page 21)

17. RS232C connector

The RS 232 C port (13) is OptoRS compatible (see OptoRS convention for more informations). It allows connection to a printer to protocol the measurement results or to a computer. The latter may remotely control all the instrument functions.

Female 9 – pins D-Sub connector (seen from the outside) :



- Pin 1 : +9V output if charger connected or +9V input from external supply.
- Pin 2 : **RXD** = Data output of the instrument.
- Pin 3 : **TXD** = Data input from the PC
- Pin 5 : **SG** = signal ground.

Data transmission format : **4800 bps, 7 bits, parité paire, 2 stop bits.**

The value is sent in ASCII code :

in mm : **SIGN 10² 10¹ 10⁰ DP 10⁻¹ 10⁻² 10⁻³ CR**

Comments : -10⁻³ only for 0.001mm resolution.

-10² and 10¹ = spaces if they are zero.

- There is no space between minus sign and the first numeral

- The + sign is replaced by a space.

in in : **SIGN 10¹ 10⁰ DP 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ CR**

Comments : -10⁻⁵ only for .00005 inch resolution.

-10¹ = space if zero

- There is no space between minus sign and the first numeral.

- The + sign is replaced by a space.

18. Remote control of the instrument

The instrument functions are controlled externally by an ASCII code corresponding to the 3 first letters of the function. Spaces are removed. The message may be in upper or lower case. The question mark ? implies an instrument response.

? or PRI (PRInt) requests displayed value.
CLE (CLEar) reinitialises the maximum / minimum / delta memories.

Code for external functions. (foot-pedal)

EXT1 external contact = data transmission
EXT2 external contact = display preset
EXT3 external contact = normal mode <-> diameter mode
EXT4 external contact = reference mode 1 <-> mode reference 2
EXT ? asks for current function of external contact.

Other codes

ID ?(identification) Instrument replies : **SYLVAC – TRIMOS V600**

IN (Inch) display unit
MM (MilliMètre) display unit

KEY0 (KEYboard) keyboard locked
KEY1 keyboard unlocked

CEN (CENterline) centerline mode
DIA (DIAMeter) diameter mode
DEL (DELta) delta mode (maximum-minimum)
NOR (NORmal) normal mode
MAX (MAXimum) maximum mode
MIN (MINimum) minimum mode
MOD ? (MODE) interrogation of the measuring mode : NOR,DIA,CEN,MIN,MAX,DEL

PRE (PREset) displays the preset value.
PRE + nombre memorises a new preset value.
PRE ? interrogates the memorised preset value.

RES2 (RESolution) Resolution 0.001mm - .00005 in
RES3 Resolution 0.01mm - .0005 in

SET ? (SETting) interrogation of general parameters :
MM/IN RES2/3 REF1/2 KEY 0/1 B0/1. B0=battery recharging.

UNI ? (UNIT) measuring unit : MM or IN
VER ? (VERSION) instrument program version : **V 1.1 24.01.00**

DIS..... (DISplay) access to display i.e. : DIS1500.236 = displayed 1500.236
DISOFF exit of access display mode.

19. Optional accessories

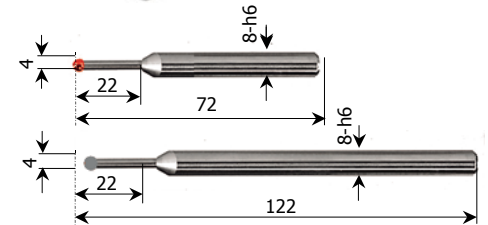
Setting/reference gauge, H = 75mm **V75**
 Setting/reference gauge, H = 3 in. **V75E**



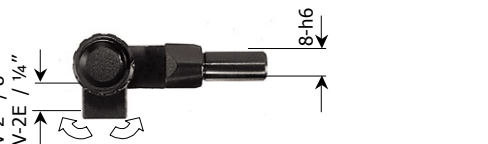
Setting/reference gauge, H = 300 mm **V-300M**
 Setting/reference gauge, H = 12 in. **V-300E**



Ruby-ball probe (standard), Ø 4mm **V-1**



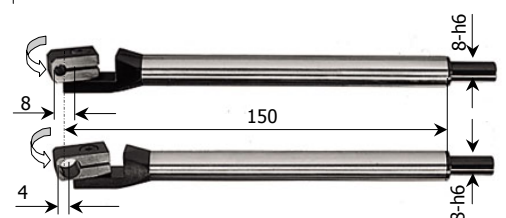
Tungsten-carbide ball probe, Ø 4mm **V-1.4/L120**



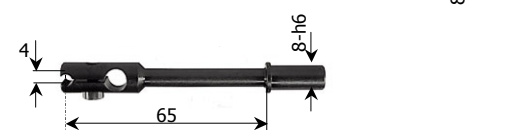
Swivel holder **V-2**
 Swivel holder **V-2E**



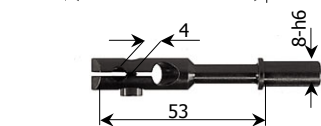
Swivel holder **V-2/D8/L150**



Swivel holder **V-2/D4/L150**



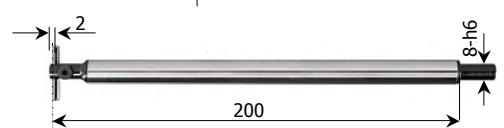
Measuring insert with Interchangeable pin. **V-3**



30° holder **V-4**



Reduction holder 8mm/4mm **V-5**



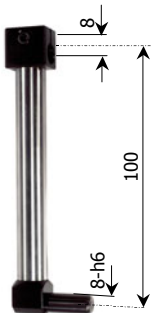
Measuring insert with interchangeable pin. **V-6/L200**



19. Optional accessories

Extension probe holder

V-7/H100



Fast locking device for measuring probe.

V-20



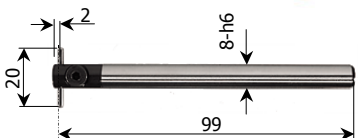
wooden accessories support (without accessory)

V-60



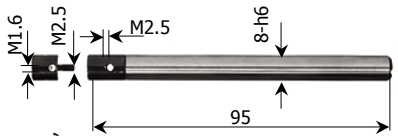
Touche de mesure à tige interchangeable

TVA 4



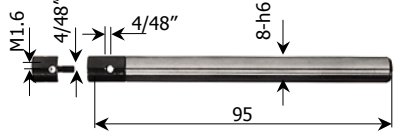
Holder TVA5.1 and Probe holder TVA5.2

TVA 5M



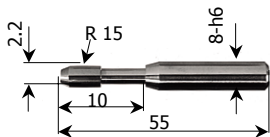
Holder TVA5.1 and Probe holder TVA5.2E

TVA 5E



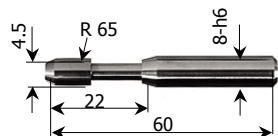
Barrel-shapped insert (M3-M16)

TVA 9.1



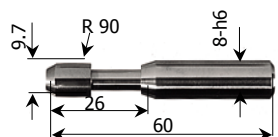
Barrel-shapped insert (M6-M48)

TVA 9.2



Barrel-shapped insert (M12-M150)

TVA 9.3





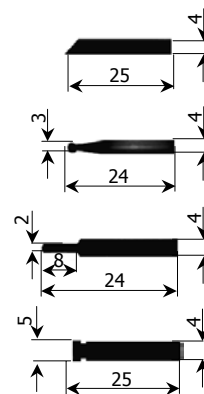
19. Optional accessories

Knife-edge insert **TV 7.1**

Ball insert **TV 7.2**

Pin shaped insert **TV 7.3**

Disc shaped insert **TV 7.4**



Complete set (set N°1) **V-51**
including :
Ruby-ball probe Ø 2mm, L=87mm V-50.9
Holder (V-50.12.1) and V-50.12
probe Ø 1mm (V-50.12.2)
Cylindrical probe Ø 3mm, L=89mm V-50.11
Knife-edge insert L= 89mm V-50.10
Locking key for probe V-50.13
Hex screw wrench 1,5mm V-50.14
Hex screw wrench 2,5mm V-50.15
Wooden case V-50C



Complete set (set N°2) **V-50**
including :
Ruby-ball probe Ø 2mm, L=87mm V-50.9
Holder (V-50.12.1) and V-50.12
probe Ø 1mm (V-50.12.2)
Cylindrical probe Ø 3mm, L=89mm V-50.11
Knife-edge insert L= 89mm V-50.10
Holder L=124mm V-50.5
Holder L=80mm V-50.6
Ball probe Ø 2mm/M2,5 V-50.4
Disc shaped insert V-50.2
1mm/M2,5 (V-50.2.2), 0,8mm/M2,5 (V-50.2.1).
Corner insert 1mm/M2.5 V-50.3
Ruby-ball probe 3mm/M2,5 V-50.1
Holder à 90°/M2,5 L=85mm V-50.7
Holder à 90°/Ø 4mm L=85 V-50.8
Locking key for probe V-50.13
Hex screw wrench 1,5mm V-50.14
Hex screw wrench 2,5mm V-50.15
Wooden case V-50C



19. Optional accessories

Printer including :
Printer (V30.0) and AC adaptor
(without bracket, without cable)

V-30/110US
V-30/220
V-30/240/GB



Bracket including 3 screws

V-32



RS 232C cable V -> printer

V-31



RS 232C cable V -> PC

CABL.RS.1/1-9P



Thermal Paper rools (5 pcs)

V-30.7



AC adaptor for printer V30/...
AC adaptor 110V/US
AC adaptor 220V/Europe
AC adaptor 240V/GB

V-30.1/110US
V-30.1/220
V-30.1/240GB



AC adaptor for V300/600/1000
AC adaptor 100V/JA
AC adaptor 120V/US
AC adaptor 220V/Europe
AC adaptor 240V/GB

V-100
V-110
V-220
V-240



Dust cover :
Dust cover for V300
Dust cover for V600
Dust cover for V1000

V.HO300
V.HO600
V.HO1000



20. Maintenance

Remember that it is a measuring instrument ?
Take care of it.

21. Transport

For re-packing, use the original packing or adequate packing.
Protect the instrument by a slipcover.
Do not put accessories close to the instrument.

22. Complaints / Repairs

In case of breakdown, contact the distributor of TRIMOS immediately.
Repairs can only be considered if the instrument is sent to us in a clean condition and
Packed according to our instructions.

« **The guarantee is only valid if verified by our agent** ».