MAUS ITALIA Holetest

F/703

Internal quick digital micrometer, 3 contact points, for work requiring certification

Supplied with:

- Case with anti-shock shaped foam padding
- Calibration rings
- Flat service screwdriver
- Multifunction service wrench

Optional upon request:

- Portable printer with RS-232 cables

Internal digital micrometer (resolution 0,001 mm) with large LCD display and 3 contact points, suitable for **series testing**, **as it certifies the work that has been carried out**, outputting the measured data report (tube sheet holes and tube i.d. before and after expansion).

The **quick activation** ***F/703*** model is dust and splash resistant and features a high degree of protection (IP65).

High-end digital model, featuring a practical gun handle for measuring head activation.

A printer (optional) allows storage/printing of the measured values, providing a certified report of the performed work.

Supplied with calibration rings (UKAS certificate), it is suitable for a wide range of measurements (both diameters and depths), thanks to the measuring head extensions **(optional).** It is offered in 2 sizes:

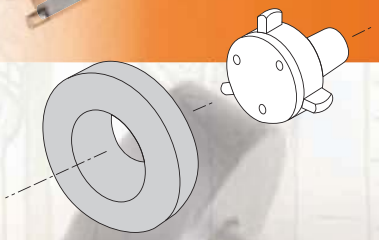
F/703-1

- diameters ranging between 6,0 and 20 mm *(0.236" to 0.787")*
- depths of up to 62 mm *(2.44")*, without extensions.

F/703-2

- diameters ranging between 20,0 and 50 mm *(0.787" to 1.968")*
- depths of up to 80 mm *(3.15")*, without extensions.

Measuring procedure

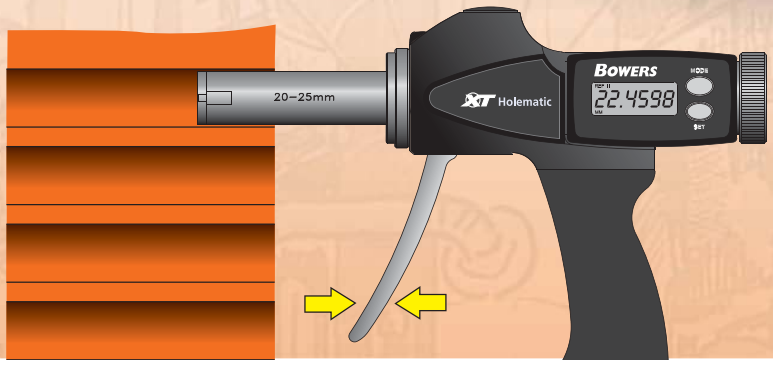


The measuring head extensions and the calibration rings are supplied complete with UKAS calibration certificate.

Calibrating

Position the display as you prefer and lock it using the special Allen key.

Insert the measuring head (at the height of the anvils) into the stopper ring that is appropriate for the head measuring field, to reset the ***F/703****. Reset the instrument.*



Measurement

Insert the micrometer into the hole to be measured, making sure the anvils properly rest on the hole walls.

Thoroughly check that contact surfaces are clean.

Press the **operating lever** for a couple of times before reading the measurement, to exert the appropriate pressure.

Read the measurement on the display.

Release the lever, to be able to properly withdraw the ***F/703*** gauge.

E.g.: d_{im} = 22,4598 mm *(0.8842")*

AC-9

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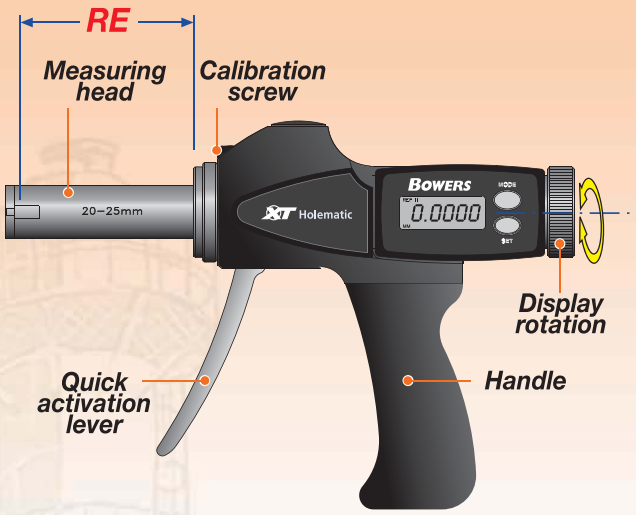
Sample order codes

If you need to measure any tubes having an inner diameter d_i of 22,00 mm *(0.866")* and a depth of 100 mm *(3.93")*, referring to the table you can see that the full order shall consist of:

F/703-2 *(1 gauge)*
PT-F703-2a *(1 head extension)*



F/703

Measuring field		F/703	STD RE depth		Extension length		PT-F/703 Head extension
mm	inches	Code	mm	inches	mm	inches	Code
6,0÷8,0	0.236 ÷ 0.315	F/703-1	58,0	2.28	63,0	2.480	PT-F703-1a
8,0÷10,0	0.315 ÷ 0.394		58,0	2.28			
10,0÷12,5	0.394 ÷ 0.492		58,0	2.28	76,0	2.992	PT-F703-1b
12,5÷16,5	0.492 ÷ 0.650		62,0	2.44	100,0	3.937	PT-F703-1c
16,5÷20,0	0.650÷ 0.787		62,0	2.44			
20,0÷25,0	0.787÷0.984	F/703-2	66,0	2.44	150,0	5.906	PT-F703-2a
25,0÷35,0	0.984÷1.378		66,0	2.44			
35,0÷50,0	1.378÷1.968		80,0	3.15