

Sample Securing Devices – Hardness Specimens Under Control

Proper positioning of specimens is a daily challenge in lab operations. The new securing devices for the hardness measurement systems PICODENTOR® HM 500 and FISCHERSCOPE® HM 2000 are important tools for such tasks.

The support devices are designed to place different samples into the desired position. The sample is in a fixed position during continuous operation. Even very thin foils of plastic, paint or metal as well as cross-ground samples can be secured safely and reliably using the cross-sectioned HM sample supports. If the specimens to be measured are of different heights, the

universal HM sample support offers the option of a simple height adjustment to place the four specimens at the same level, for example. The simple sample handling of all three clamping devices will save you valuable time during sample preparation. For example, it is possible to prepare the samples outside the HM hardness measuring instrument. If the ground samples change in diameter, you can change the cross sectioned insets, prepared in standard sizes. In addition, well cross sectioned markers aid in the convenient easily visible positioning of the supports in the hardness measuring instrument. The required accessories are included in the shipment.



Part number 604-205

Universal probe support:

Max. sample Ø: 29 mm
Max. sample height: 13 mm
H x W x L: 100 mm x 100 mm x 73 mm
Mass: 1562 g with four sample insets

Heating station:

H x W x L: 110 mm x 140 mm x 150 mm
Mass: 2500 g

Heating plate:

H x W x L: 150 mm x 120 mm x 60 mm
Mass: 1150 g
Securing weight: 226 g
Securing adhesive: 12 g
Tongs: 45 g

**HM Universal probe support,
incl. heating station and heating plate**

For hardness measurements on up to four specimens of different heights. The specimens are glued to the sample insets using a securing adhesive and are weighed down using a securing weight for setting.

Included in shipment:	1 Universal probe support
	4 Sample insets
	4 Securing weights for setting
	1 Heating plate
	1 Heating station
	1 VE Securing adhesive (Volume 11 g)
	1 Allen key
	1 Glass plate
	1 Pair of tongs



Part number 604-204

HM cross-section sample support

Support for cross-sectioned samples with a diameter of 20, 30, 40 and 50 mm secured via a user-friendly knurled screw connection, the carrier accepts samples between 8.5 mm and 30 mm in height.

H x W x L: H = 65 mm, D = 120 mm
 Mass: 1530 g with four interchangeable insets



Part number 604-203

HM foil clamping device

Device for clamping and gap-free securing of thin foils.

Max. foil width: 25 mm
 Min. foil length: 110 mm
 Max. foil thickness: 300 µm
 H x W x L: 120 mm x 80 mm x 30 mm
 Mass: 490 g



Part number 604-261

Universal bench vice

Bench vice for clamping objects of varying geometry.

H x W x L: 115 mm x 30 mm x 27 mm
 Mass: 700 g



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