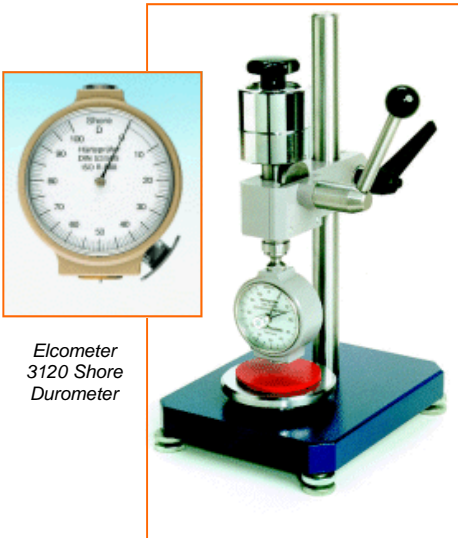


Elcometer 3120 Shore Durometer



Elcometer 3120 Shore Durometer

At a glance

- Standard test for material hardness.
- Easy to use - immediate results
- Wide range of gauges available dependant on the material to be tested.

Elcometer 3120 Shore Durometer

Instruments widely used to test soft materials: rubber, various resins, wood, leather, formica etc.

A point or a ball penetrates the material under spring pressure, with variable force depending on the model. A direct reading is displayed on the dial which is graduated from 0 to 100 Shore Hardness Units.

All the instruments can be used hand-held or on a stand (optional). The stand is designed to carry the load of 12.5 N of Shore A, or an additional load to obtain the 50 N used in the Shore D.

Options:

- Maximum reading needle
- Stand with contact lever, useful for repetitive tests or tests on small samples.

Available in a wide range of versions, each one designed for a different type of hardness – as shown below:

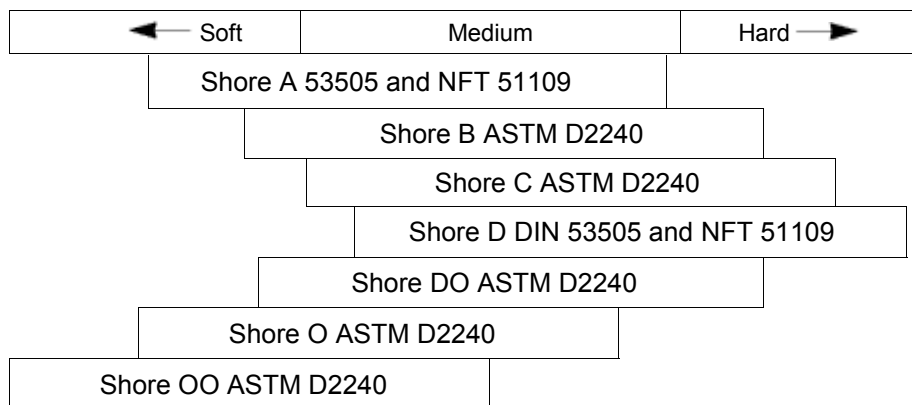
Hardness Testers

Improved mechanical resistance is part of many quality requirements. One important criteria for assessing this feature is hardness.

Depending on the requirements there are various methods for testing hardness. Some are dedicated to characterise coatings and others are more suitable for testing bulk materials such as metals, plastics, rubber or elastomers.

Elcometer manufacture and supply a wide range of instrumentation designed for the hardness tests most frequently used in the industry – these include pendulum, scratching, indentation or rebound measuring methods.

Can be used in accordance with:	
ASTM D 2240	DIN 53505
ISO 868	NF T 51109



Model	Description	Part Number	
		Without calibration certificate	With calibration certificate
Elcometer 3120/1	Elcometer 3120 Shore Durometer A	K0003120M001	K0003120M015
Elcometer 3120/3	Elcometer 3120 Shore Durometer B	K0003120M003	K0003120M016
Elcometer 3120/4	Elcometer 3120 Shore Durometer C	K0003120M004	K0003120M017
Elcometer 3120/5	Elcometer 3120 Shore Durometer D	K0003120M005	K0003120M018
Elcometer 3120/6	Elcometer 3120 Shore Durometer O	K0003120M006	K0003120M019
Elcometer 3120/7	Elcometer 3120 Shore Durometer OO	K0003120M007	K0003120M020
Elcometer 3120/10	Elcometer 3120 Shore Durometer DO	K0003120M010	-
Elcometer 3120/24	Elcometer 3120 Shore Durometer OOO and 400g	K0003120M024	
Elcometer 3120/8	Elcometer 3120 Shore Durometer AS & Spindle-max	K0003120M008	-
Elcometer 3120/25	Elcometer 3120 Shore Durometer A and 12.5N Weight with Max indicator	-	K0003120M025
Elcometer 3120/9	Elcometer 3120 Shore Durometer DS & Spindle-max	K0003120M009	-
Elcometer 3120/204	Elcometer 3120 Shore Durometer B with max indicator	K0003120M204	-
Elcometer 3120/205	Elcometer 3120 Shore Durometer C with max indicator	K0003120M205	-
Elcometer 3120/207	Elcometer 3120 Shore Durometer O with max indicator	K0003120M207	-
Elcometer 3120/208	Elcometer 3120 Shore Durometer DO with max indicator	K0003120M208	-
Elcometer 3120/221	Elcometer 3120 Shore Durometer OO & 400g weight	K0003120M221	-
Accessories	Test stand BS61 & 400g load Shore OO & OOO	KT003120N203	
	Test stand BS61 & 12.5N load Shore A	KT003120N002	
	50N load Shore D for stand BS61	KT003120P005	

Related products



Elcometer 3101

The barcol tester is a very handy instrument used to check the hardness of many materials, including plastics, leather and soft metals. When pressure is applied to the device a point penetrates the material and the degree of hardness is displayed on the dial.



Elcometer 3095

The buchholz hardness tester is used for measuring the hardness of a coating by indentation of a bevelled disc indenting tool with a sharp edge. The buchholz tester is placed on the coating for 30 seconds and the indentation length is then recorded. The length of the trace is inversely proportional to the hardness.

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