

## Elcometer 3080 Pencil Hardness Tester

This is a simple and effective technique to evaluate the hardness of many coatings.

The pencil lead, prepared beforehand by using the special pencil sharpener and rubbing it on fine abrasive paper (400 grade), is maintained at an angle of 45° and pushed with uniform pressure on to the sample, leaving either a superficial trace or causing destruction down to the substrate.

The Elcometer 3080 Pencil Hardness Tester is supplied complete with stand and a series of 14 pencils, ranging from 6B to 6H hardness values.



**STANDARDS:**

ASTM D 3363, ECCA T4, EN 13523-4, ISO 15184:2012, JIS K 5600-5-4

### Technical Specification

Part Number	Description
<b>K0003080M203</b>	Elcometer 3080 6B to 6H Pencil Hardness Tester with Stand
Dimensions	330 x 280 x 330mm (13 x 11 x 13")
Weight	1kg (2.2lb)
Packing List	Elcometer 3080 Pencil Hardness Tester, Pencil set - (14 pencils, grades 6B - 6H), x 2 pencil sharpeners, abrasive paper block, storage stand and operating instructions

### Accessories

Part Number	Description	Part Number	Description
<b>T99923042-1</b>	12 Hardness Pencils (6B)	<b>T99923042-8</b>	12 Hardness Pencils (F)
<b>T99923042-2</b>	12 Hardness Pencils (5B)	<b>T99923042-9</b>	12 Hardness Pencils (H)
<b>T99923042-3</b>	12 Hardness Pencils (4B)	<b>T99923042-10</b>	12 Hardness Pencils (2H)
<b>T99923042-4</b>	12 Hardness Pencils (3B)	<b>T99923042-11</b>	12 Hardness Pencils (3H)
<b>T99923042-5</b>	12 Hardness Pencils (2B)	<b>T99923042-12</b>	12 Hardness Pencils (4H)
<b>T99923042-6</b>	12 Hardness Pencils (B)	<b>T99923042-13</b>	12 Hardness Pencils (5H)
<b>T99923042-7</b>	12 Hardness Pencils (HB)	<b>T99923042-14</b>	12 Hardness Pencils (6H)
<b>T99923039</b>	Set of 14 Pencils (6B to 6H)		
<b>T501190451</b>	Pencil Sharpener (6H to 2B)		
<b>T501190452</b>	Pencil Sharpener (3B to 6B)		