



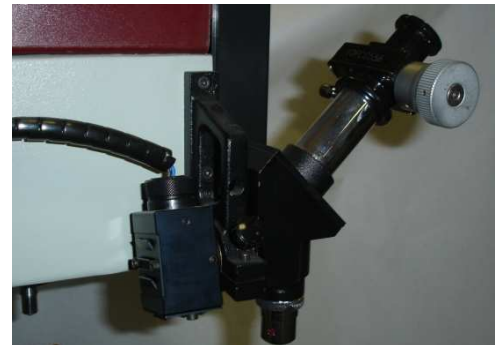
Code	Description
742000300	<p align="center"><b>ERGOTEST DIGI 25 U</b></p> <p align="center"><i>Digital automatic hardness tester</i></p>
	<p>Standard Rockwell tests with loads: 150-100-60 kgf as for ISO 6508-2 and ASTM E18</p> <p>Brinell indentations with loads: 187,5-100-62,5-31,25-30 kgf as for ISO 6506-2 and ASTM E10</p> <p>Vickers indentations with loads: 100-60-30 kgf as for ISO 6507-2 and ASTM E384</p> <p>The measurement of Brinell and Vickers indentations is allowed by means of an optional digital device, code 742032280.</p>
	<p align="center"><b>TECHNICAL FEATURES</b></p> <ul style="list-style-type: none"> <li>• Colour touch screen LCD provided with alphanumerical readout and practical, quick and ease-of-use graphics</li> <li>• 0.1 Rockwell Resolution</li> <li>• Selectable load dwell time</li> <li>• Software guide to the correct configuration in the various scales</li> <li>• Results can be verified and compared with standard values</li> <li>• Possibility to save/retrieve test batches on external devices such as USB key and/or LAN company networks</li> <li>• Possibility to enter nominal values and tolerances</li> <li>• Software for the calculation of statistical parameters, such as average value, standard deviation, max. and min. values and number of measurements with indication of out-of-tolerance values, date, time, work piece No., batch No., histogram of the effected tests, line chart with indication of the test trend</li> <li>• Data convertible into text or Excel formats</li> <li>• Automatic software updates via USB key</li> </ul>



Code	Description
	<ul style="list-style-type: none"> <li>• Automatic conversion of the values measured in the various hardness scales: Rockwell, Brinell, Vickers, Knoop, as well as tensile strength according to either "Galileo conversion tables", ISO 18265 or ASTM E140 standards</li> <li>• Automatic correction of measurements on the cylindrical and spherical work pieces as per ISO or ASTM Standards</li> <li>• Automatic test cycle with electronic process control</li> <li>• Manual load selection with electronic load control</li> <li>• Diagnosis and test menu</li> <li>• Language selection</li> <li>• Max. work piece height 295 mm – throat depth 220 mm</li> <li>• Serial RS232 interface to WiFi printer and Ethernet port for connection to LAN network or Host Computer</li> <li>• USB Interface for data transfer</li> <li>• Possibility to certify the instrument according to ISO Standards (ask for relevant offer):               <ul style="list-style-type: none"> <li>– direct and indirect verification for Standard Rockwell scales</li> <li>– direct load verification for Brinell and Vickers scales</li> <li>– indirect verification for Brinell and Vickers scales (only if the accessory code 742032280 is mounted)</li> </ul> </li> <li>• The hardness tester is provided with:               <ul style="list-style-type: none"> <li>– Instruction manual</li> <li>– Hardness conversion booklet</li> <li>– Dust cover</li> </ul> </li> </ul>
<b>742003100R</b>	<b>ACCESSORY KIT "A" for Ergotest COMP - DIGI R and DIGI U</b>
	<ul style="list-style-type: none"> <li>• Flat anvil, 60 mm Ø</li> <li>• central relief anvil, 37 mm Ø</li> <li>• deep "V" shaped anvil, 37 mm Ø</li> <li>• small "V" shaped anvil, 37 mm Ø</li> <li>• 120° diamond cone indenter for Rockwell testing</li> <li>• hard metal ball indenter 1/16" Ø for Rockwell testing</li> <li>• hard metal ball indenters 2,5 mm Ø for Brinell testing</li> <li>• hard metal ball indenters 5 mm Ø for Brinell testing</li> <li>• test block HRC</li> <li>• test block HRB</li> <li>• Allen-keys</li> </ul>
<b>742003600</b>	<b>ACCESSORY SET "C"</b>
	<ul style="list-style-type: none"> <li>• 120° diamond cone indenter for Rockwell testing</li> <li>• Flat anvil 60 mm Ø</li> <li>• Allen-keys</li> </ul>
<b>742009000</b>	<ul style="list-style-type: none"> <li>• Metal cabinet, floor-standing, with locking door for models Ergotest DIGI R - RS – U (70x60x85 cm)</li> </ul>



Code	Description
742032280	<p align="center"><b>DIGITAL MEASURING DEVICE</b></p> <p align="center"><b>FOR BRINELL &amp; VICKERS INDENTATIONS GENERATED BY GALILEO HARDNESS TESTERS MODEL ERGOTEST DIGI</b></p> <p align="center"><b>Note:</b> This device can be supplied only if combined with a <b>NEW Hardness Tester Model Ergotest DIGI</b></p> <p align="center"><i>The kit includes:</i></p>
	<ul style="list-style-type: none"> <li>• A <b>BUILT-IN DISPLAY</b> which allows programming the tests to be performed, managing the actual measuring phases of Vickers and Brinell indentations and processing the final results</li> </ul> <ul style="list-style-type: none"> <li>• A <b>MICROSCOPE</b> equipped with DIGITAL EYEPIECE and SLIDE for work piece holding, (to be mounted on the Galileo hardness tester model Ergotest) consisting of: <ul style="list-style-type: none"> <li>➤ Stand with clamp to fix the microscope to the side of the hardness tester</li> <li>➤ 10X digital micrometric eyepiece with dioptric adjustment, 0,1 <math>\mu\text{m}</math> resolution, calibrated for the three available objectives;</li> <li>➤ 2,5X objective: view field 4,4 mm, measuring field 2,4 mm, total magnification 25X;</li> <li>➤ 5X objective: view field 2,2 mm, measuring field 1,2 mm and total magnification 50X;</li> <li>➤ 10X objective: view field 1,1 mm, measuring field 0,6 mm, total magnification 100X . This objective can be certified by our ACCREDIA Calibration Centre upon request.</li> <li>➤ The observation of the indentation through the microscope is carried out by moving the specimen along the axes by means of a sturdy and accurate linear slide.</li> <li>➤ The indentation focusing is carried out by moving the specimen vertically by means of the lifting screw;</li> <li>➤ Direct illumination of the indentation by halogen lamp</li> </ul> </li> </ul>



Code	Description
742032261	<p style="text-align: center;"><b>ANALOGUE MEASURING DEVICE</b>  <b>for BRINELL &amp; VICKERS indentations</b>  <b>generated by HARDNESS TESTERS model ERGOTEST</b>  <b>consisting of:</b></p>
	<ul style="list-style-type: none"> <li>• <b>MICROSCOPE</b> integrated in the hardness tester fitted with a micrometric eyepiece and three interchangeable objectives <b>for Brinell and Vickers indentations</b> with following features: <ul style="list-style-type: none"> <li>➤ Stand with clamp to fix the microscope to the side of the hardness tester</li> <li>➤ Micrometric eyepiece with dioptic adjustment. The measurement can be performed by means of an overlay chart.</li> <li>➤ 2,5X objective: view field 4,4 mm, measuring field 3,2 mm, scale 1 division = 4 <math>\mu\text{m}</math>, resolution <math>\frac{1}{2}</math> division = 2 <math>\mu\text{m}</math>, total magnification 25X</li> <li>➤ 5X objective: view field 2,2 mm, measuring field 1,6 mm, scale 1 division = 2 <math>\mu\text{m}</math>; resolution <math>\frac{1}{2}</math> division = 1 <math>\mu\text{m}</math>, total magnification 50x</li> <li>➤ 10X objective: view field 1,1 mm, measuring field 0,8 mm, scale 1 division = 1 <math>\mu\text{m}</math>; resolution <math>\frac{1}{2}</math> division = 1/2 <math>\mu\text{m}</math>, total magnification 100X. This objective can be certified by our ACCREDIA Calibration Centre upon request.</li> <li>➤ Transformer with relative connecting cable to the microscope lamp</li> </ul> <p>The observation of the indentation through the microscope is carried out by moving the specimen along the axes by means of a sturdy and accurate linear slide.</p> <p>The indentation focusing is obtained by moving the specimen vertically by means of the lifting screw;</p> <p>Direct illumination of the indentation by halogen lamp</p> </li> </ul>