



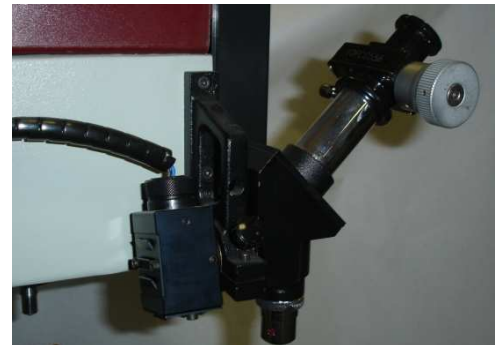
Code	Description
742000400	<p align="center">ERGOTEST DIGI 25 R</p> <p align="center"><i>Automatic cycle digital readout hardness tester</i></p>
	<p>Standard Rockwell tests with loads: 150-100-60 kgf as per ISO 6508-2 and ASTM E18</p> <p>Brinell indentations with loads: 250-187.5-100-62.5 kgf as per ISO 6506-2 and ASTM E10</p> <p>Vickers indentations with loads: 100-60 kgf as per ISO 6507-2 and ASTM E384</p> <p>The measurement of Brinell and Vickers indentations is carried out by means of an optional digital device, code 742032280.</p>
	<ul style="list-style-type: none"> • Colour touch screen LCD provided with alphanumeric readout and practical, quick and ease-of-use graphics • 0.1 Rockwell Resolution • Selectable load dwell time • Software guide to the correct configuration in the various scales • Results can be verified and compared with standard values • Possibility to save/retrieve test batches on external devices such as USB key and/or LAN company networks • Possibility to enter a nominal values and tolerances • 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 • Data convertible into text or Excel formats • Automatic software updates via USB key • 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 • Automatic correction of measurements on the cylindrical and spherical work pieces as per ISO and ASTM Standards



Code	Description
	<ul style="list-style-type: none"> • Automatic test cycle with electronic process control • Manual load selection with electronic load control • Diagnosis and test menu • Language selection • Max. work piece height 295 mm – throat depth 220 mm • Serial interface RS232 to WiFi printer and Ethernet port for connection to LAN network or Host Computer • USB Interface for data transfer • Possibility to certify the instrument according to ISO Standards (ask for relevant offer): <ul style="list-style-type: none"> – direct and indirect verification for Standard Rockwell scales – direct load verification for Brinell and Vickers scales – indirect verification for Brinell and Vickers scales (only if the accessory code 742032280 is mounted) • The hardness tester is provided with: <ul style="list-style-type: none"> – Instruction manual – Hardness conversion booklet – Dust cover
742003100R	ACCESSORY SET "A" for Ergotest COMP - DIGI R e DIGI U
	<ul style="list-style-type: none"> • Flat anvil, 60 mm Ø • central relief anvil, 37 mm Ø • deep "V" shaped anvil, 37 mm Ø (suitable for pieces up to 62 mm Ø) • small "V" shaped anvil, 37 mm Ø (suitable for pieces up to 14 mm Ø) • 120° diamond cone indenter for Rockwell testing • hard metal ball indenter, 1/16" Ø for Rockwell testing • hard metal ball indenter, 2,5 mm Ø for Brinell testing • hard metal ball indenter 5 mm Ø for Brinell testing • HRC test block • HRB test block • Allen-keys
742003600	ACCESSORY SET "C"
	<ul style="list-style-type: none"> • 120° diamond cone indenter for Rockwell testing • Flat anvil Ø 60 mm • Allen-keys
742009000	<ul style="list-style-type: none"> • Metal cabinet, floor-standing, with locking door for Ergotest DIGI R - RS - U (70x60x85 cm)



Code	Description
742032280	<p style="text-align: center;">DIGITAL MEASURING DEVICE</p> <p style="text-align: center;">FOR BRINELL & VICKERS INDENTATIONS GENERATED BY GALILEO HARDNESS TESTERS MODEL ERGOTEST DIGI</p> <p style="text-align: center;">Note: This device can be supplied only if combined with a NEW Hardness Tester Model Ergotest DIGI</p> <p style="text-align: center;"><i>The kit includes:</i></p>
	<ul style="list-style-type: none"> • A BUILT-IN DISPLAY which allows programming the tests to be performed, managing the actual measuring phases of Vickers and Brinell indentations and processing the final results <ul style="list-style-type: none"> • A MICROSCOPE 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"> ➤ Stand with clamp to fix the microscope to the side of the hardness tester ➤ 10X digital micrometric eyepiece with dioptric adjustment, 0,1 μm resolution, calibrated for the three available objectives; ➤ 2,5X objective: view field 4,4 mm, measuring field 2,4 mm, total magnification 25X; ➤ 5X objective: view field 2,2 mm, measuring field 1,2 mm and total magnification 50X; ➤ 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. ➤ 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. ➤ The indentation focusing is carried out by moving the specimen vertically by means of the lifting screw; ➤ Direct illumination of the indentation by halogen lamp



Code	Description
742032261	<p style="text-align: center;">ANALOGUE MEASURING DEVICE for BRINELL & VICKERS indentations generated by HARDNESS TESTERS model ERGOTEST consisting of:</p>
	<ul style="list-style-type: none"> • MICROSCOPE integrated in the hardness tester fitted with a micrometric eyepiece and three interchangeable objectives for Brinell and Vickers indentations with following features: <ul style="list-style-type: none"> ➤ Stand with clamp to fix the microscope to the side of the hardness tester ➤ Micrometric eyepiece with dioptic adjustment. The measurement can be performed by means of an overlay chart. ➤ 2,5X objective: view field 4,4 mm, measuring field 3,2 mm, scale 1 division = 4 μm, resolution ½ division = 2 μm, total magnification 25X ➤ 5X objective: view field 2,2 mm, measuring field 1,6 mm, scale 1 division = 2 μm; resolution ½ division = 1 μm, total magnification 50x ➤ 10X objective: view field 1,1 mm, measuring field 0,8 mm, scale 1 division = 1 μm; resolution ½ division = 1/2 μm, total magnification 100X. This objective can be certified by our ACCREDIA Calibration Centre upon request. ➤ Transformer with relative connecting cable to the microscope lamp <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>