COMPUTEST SC Light Load Portable Hardness Tester	

COMPUTEST SC is a light load (5 kp) portable hardness tester using the Rockwell method (preload, full load, and reading back at preload).

COMPUTEST SC can be used to test the whole range of metals, without changing the indenter. One needs only to select the desired scale, place the tester on the test part, press down on the test head and read the result. Thanks to its unique loading system, the tester can transmit only its specified load (5 kp), regardless of the operator strength.

COMPUTEST SC can work in different positions and is provided with different supports, easy interchangeable and adaptable to different test situations.

COMPUTEST SC has a large backlit LCD display and a user-friendly software with many electronic functions, as scale selection, correction of the hardness curve, minimum thickness, adjustable tolerances, time-at-load indication, storage of test parameters and hardness results.

COMPUTEST SC can be used with the optional test stand, particularly suitable for testing small parts.

Features	
Working principle	Rockwell
Test load	49 N (5 kp)
Preload	11.8 N (1.2 Kp)
Incorporated hardness scales	HRC, HRB, HB30, HV, N/mm², kp/mm², other scales on request
Penetrator	diamond indenter
Reading	on LCD backlit display 80x30mm
Selectable functions	scales, tolerances, statistics, print, calibration, etc.
Minimum measurable diameter	with the V-base = 35mm with the test stand= 1,5mm
Output	RS 232C
Power supply	8-hour continuous operation rechargeable batteries or 230 VAC, 50/60 Hz (on request 115 VAC, 50/60 Hz)

COMPUTEST SC standard execution

COMPUTEST SC with test stand

Dimensions of the wooden case: 410x310x130mm Gross weight: approx 8,5 kg	Capacity of the test stand: 75mm height, 60mm depth Weight: 9 kg

COMPUTEST SC is delivered in its typical wooden case complete with microprocessor electronic box, output RS232 and the following accessories:	- 1 diamond indenter - 3 test plates - 2 bases for flat surfaces - 1 base for cylindrical surfaces - 1 50mm penetrator extension for testing of internal test points - 1 battery charger 230 VAC, 50/60 Hz (115-230V, 50/60Hz)
Accessories on request:	- test stand - magnetic support - extra hardness scale - test plates - printer - printer cable - Dataview32 data acquisition software