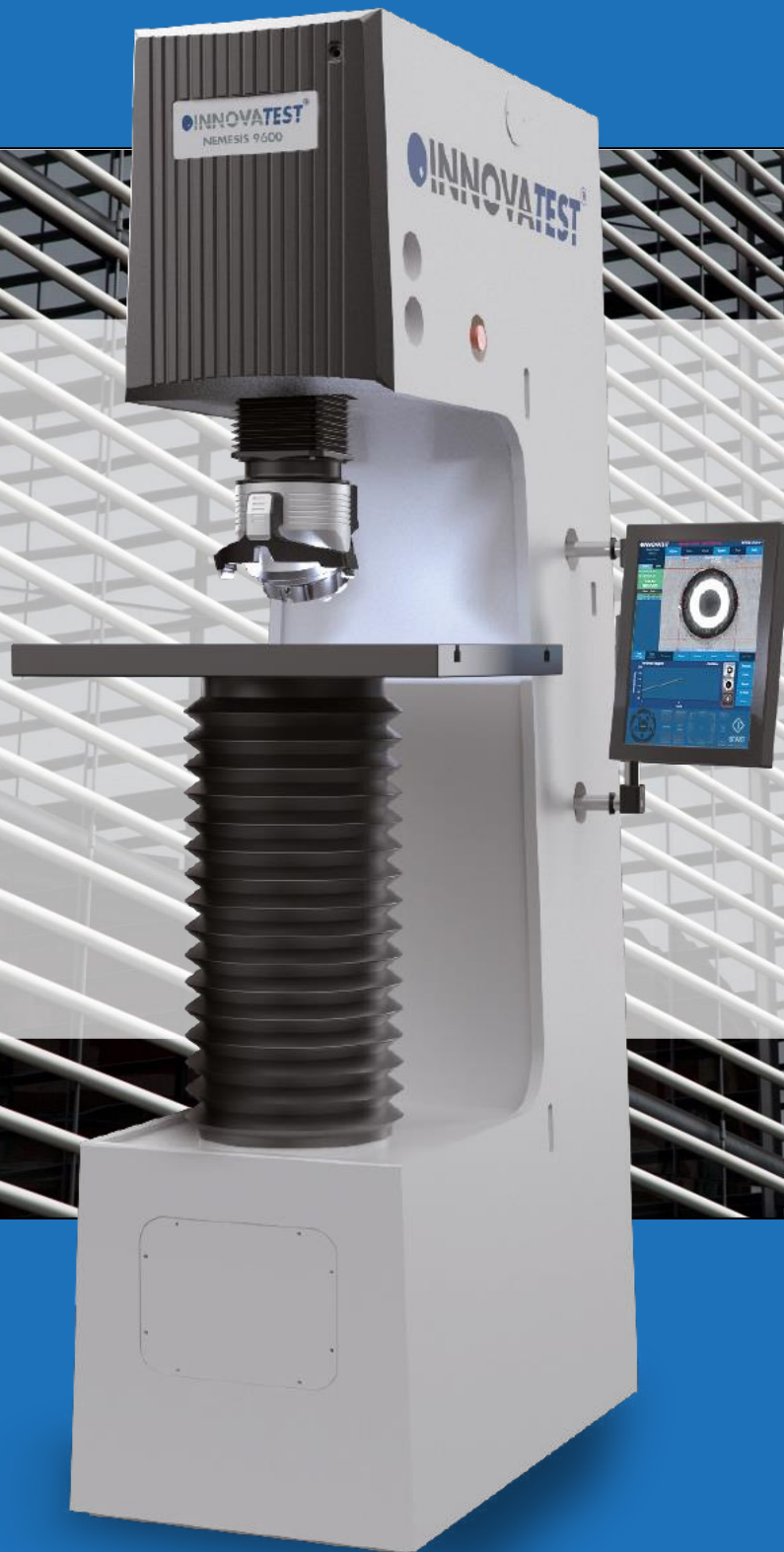


NEMESIS 9600

HEAVY-DUTY FLOOR TYPE UNIVERSAL HARDNESS TESTER



NEMESIS 9600

The NEMESIS 9600 is a heavy-duty floor type universal hardness tester most suitable for harsh testing conditions of very large parts. This floor type frame reaches a height of 2 meters and offers a workspace of not less than 650 mm height and a throat depth of 395 mm from spindle center.

The heavy duty motorized spindle with over 800 kg lifting capacity allows to position the test piece on the required working height. Rockwell, Vickers and Brinell, but also pure depth test methods such as HVT and HBT are part of the standard test procedures of the NEMESIS 9600.

The second Z-axis has a 150mm stroke descending test head which gives unique flexibility.



HIGHLIGHTS :

SCALES	Rockwell, Superficial Rockwell, Brinell, Vickers, Knoop, HVT & HBT, Plastic ISO 2039/1, Carbon.
TEST FORCES	200 gf – 3000 kgf.
CAMERA	18 Mega pixel, Full HD camera system, with zoom and autofocus.
OVERVIEW CAMERA	Full HD optical zoom stage overview camera.
8 POSITION TURRET	3 indenters, 3 objectives, Class 2 laser for positioning and optional integrated overview camera.
OBJECTIVES	0.7x, 2.5x, 5x, 10, 20x, 40x, 60x, 100x.
LOAD APP. SYSTEM	Fully automatic, Load cell, closed loop, force feedback. Fully integrated Windows Controller, SSD hard disk, keyboard & mouse.
CONTROL	Windows 10 operated, IMPRESSIONS™ advanced workflow software, includes automatic measurement, keyboard & mouse.
DISPLAY	15" full color touch screen.
ADVANCED OUTPUT	Multi USB, CSV files, single readings, reports, printer, Q-DAS certified.
SOFTWARE	No. of tests, Mean, St. Deviation, Min., Max., Range, CP, CPk, individual readings list, storage memory, Dwell time, test force setting, scale selection, calibration etc.
ILLUMINATION	Power LED.
Z-AXIS	CNC motorized, ball bearing slide, with fast up down and digital scroll wheel for fine adjustment.
XY-STAGE	Manual, motorized stages or/and anvils or work tables at choice.
WORKPIECE ACC.	9600 : 650 mm(H) X 395 mm (D). 9800 : 1500 mm (H) X 1500 mm (D)

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