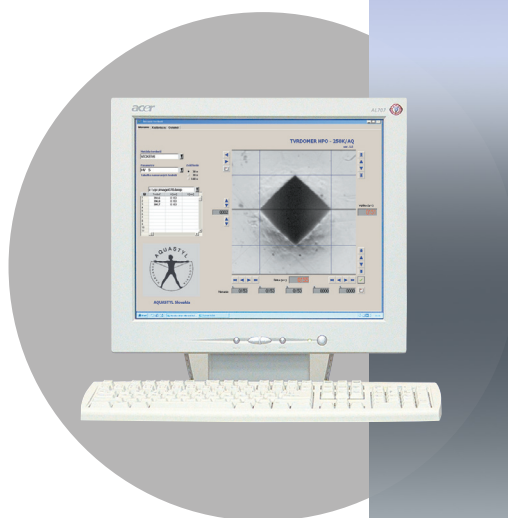




AQUASTYL®
SLOVAKIA, s.r.o.

CAMERA HARDNESS TESTER
VICKERS, BRINELL-ROCKWELL HPO -250KR/AQ



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CAMERA HARDNESS TESTER VICKERS, BRINELL-ROCKWELL – HPO 250KR/AQ

General description of the hardness tester

The hardness tester HPO-250KR/AQ is intended for measuring material hardness with the Vickers, Rockwell and partially with the Brinell method using a $\varnothing 2,5$ mm ball.

In automatic mode the process of measuring is controlled by PC. The imprint scanning is carried out by a sensitive CCD camera with high resolution, necessary for precise processing of measured results. The camera is connected to a PC by a BNC cable. The hardness tester HPO-250KR/AQ works under Windows XP Profesional.

General description of software

It is a new software for collecting and statistic data evaluation of the hardness tester, which works according to the Brinell, Vickers and Rockwell method. This product fully cooperates with the network and enables data export to the server for further processing. The database is also accessible from the network environment, so that the measured results are also accessible to another users in case of necessity.

Characteristic software properties

- Choice of communication language
 - Slovak
 - Czech
 - German
 - English
- Choice of testing method
- Measurement and evaluation of indentation by means of a CCD camera
- Retrospective modification of testing
- Statistic functions
- Automatic data transmission over the network
- Analysing and processing of measured data
- Conversion of measured value to another methodics
- Printing of attests in selected language
- Measurement from PC

Basic features of the device	1 pcs HRC plate
	1 pcs HV plate
	1 pcs HBW plate
	1 pcs Diamond holder
	1 pcs Rockwell diamond
	1 pcs Vickers diamond
	1 pcs Holder with a hard metal ball $\varnothing 2,5$ mm
	1 pcs Measuring table $\varnothing 300$ mm
	1 pcs Measuring table – "V" shape

Technical data

Measurement range (N)	Max. 2452,5
Execution of device	Cast metal stand
Measuring ball (mm)	$\varnothing 2,5$
Diamond measurement	Vickers diamond - apex angle of the walls 136°
Diamond measurement	Rockwell diamond - apex angle of the walls 120°
Max. diameter of worktable (mm)	300
Colour	Ivory combined with grey
Set height (mm)	970
Base l x w (mm)	550 x 200
Max. height of measured component (mm)	220
Weight (kg)	130

