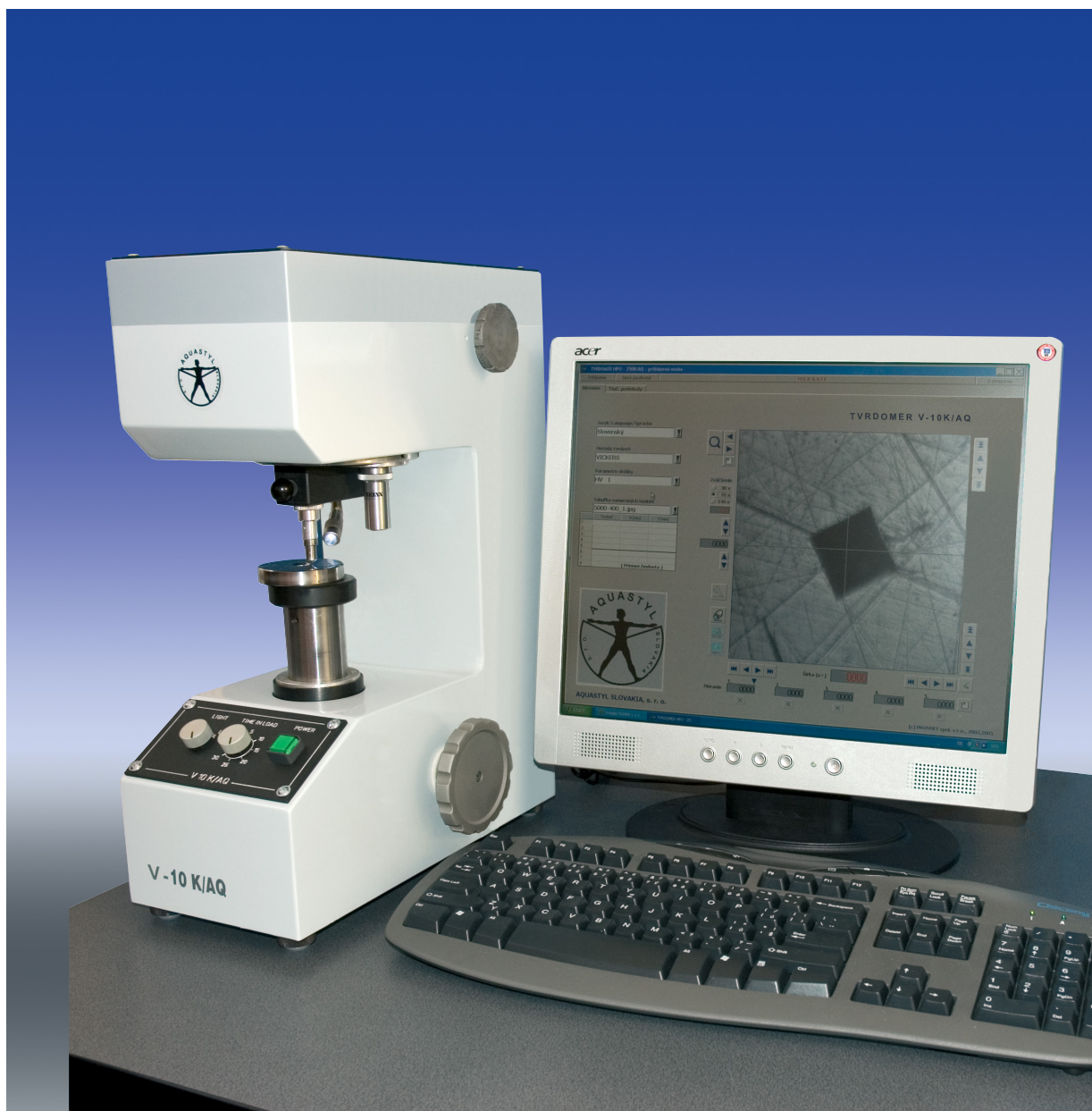




**AQUASTYL®**  
SLOVAKIA, s.r.o.

MICRO HARDNESS TESTER  
**V10 K/AQ**

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## MICRO HARDNESS TESTER V10 K/AQ

### General description

The micro hardness tester consists of a cast iron frame with loading and measuring unit. The measuring process takes place in automatic regime. The impression is evaluated with a sensitive high resolution CCD camera which is necessary for accurate processing of the measured results. The Micro Hardness Tester works under Windows XP PRO operation system.

### Test methods

Vickers EN ISO 6507  
HVO,01 ÷ HV10  
Max. height of the sample 95 mm

### General description of software

A new software used for the collection and statistical evaluation of data from Vickers hardness testers. This product fully compatible with the network and makes it possible to transport data automatically to the SQL server for further processing to make the measured results accessible to other users.

The delivered programme is intended for the processing of pictures taken by the CCD camera of the impression in the tested material as well as for the evaluation and projection of the measured data on the display, data archiving in the database and printing of measured and processed results on a connected ink-jet or laser printer. The control unit of the computer makes it possible to start the measuring cycle of the hardness tester from the display. The computer runs under MS Windows 7, 8 operation system. It has all programmes and controllers necessary for the connection of the CCD camera and the start of measurement.

### Characteristic software properties.

- Selection of test methods and monitoring system indicating the necessity to replace the impression body and the objective
- Measurement and evaluation of the impression using a CCD camera
- Evaluation of the hardness measuring process
- Repeated modification of the test – feedback control of measured results
- Statistical functions
- Automatic data processing via network
- Data analysis and processing
- Attest printing in selected language
- Possibility to choose communication language - Slovak
  - Czech
  - English
  - German
- Possibility to move the sample using a cross-type table
- Possibility to choose the impression spot

Basic configuration                    3 pcs HV plate  
    1 pcs Diamond holder  
    1 pcs Vickers diamond  
    1 pcs Roundtable ø 95mm

### Technical data

Measuring range	Max. 98,1 N
Construction of the tester	Cast iron stand
Impression body	Diamond tetrahedral pyramid „Vickers“ 136°
Colour	Ivory combined with grey
Set height (mm)	525
Base l x w (mm)	330 x 175
Max. height of measured component (mm)	95
Weight (kg)	35

