Struers
Ensuring Certainty

VICKERS HARDNESS TESTER WITH AUTOMATED ACCURACY

Welcome to the new DuraVista-40

The DuraVista-40 is an automated micro-hardness tester, supporting the Vickers, Knoop, and Brinell scales up to 62.5 kg. It is software controlled with a built-in high-resolution camera and motorized Z-axis with autofocus, coupled with its closed loop loadcell technology which ensures repeatable and effortless results. The models with automated stage unleash limitless automation possibilities.

- **Accurate measurements** with reliable results – every time
- **Limitless patterning possibilities** with the various optional integrated motorized stages
- **For every budget** available in manual or automatic configurations
- **Ensure certainty** with a complete preparation partner

Get sharper captures

18 megapixel

Main camera with zoom and auto-focus

NEW GENERATION OF HARDNESS TESTERS

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Perfect standardization as a vital part of quality control

Fast, dependable results for multiple applications

No matter what material you work with, with Struers you can be sure your lab has the right setup to meet the standards you need, with optimal reproducibility and repeatability of results.

Unique functionalities for superior results

Use the overview camera for fast positioning of the pre-programmed patterns and let the DuraVista do all indent and measurement work unattended. Higher and more reliable throughput, without the need to hire more lab staff.

Built for your Business

Both hard- and software were designed to fully comply with ISO and ASTM standards; from the load mechanics, the optical system, the high-resolution camera to the advanced software algorithms. The Z-axis is controlled with a precision ball screw spindle, for a fast and precise movement for focus and positioning. Unique in it's class.

The future is automated

Today, automation is widely accepted as THE solution for consistency and quality. DuraVista-40 with a closed-loop cell improves for process accuracy and limits the risk of human influence. Manage all machine control and workflow processes effortlessly using the 27" industrial capacitive touchscreen. Start multiple jobs at once and focus on other duties while the DuraVista-40 handles all the indent-measure work for you.

DuraVista-40
Configurable load range 0,1gf - 62,5kgf
10x and 50x objective
18 Mpix camera with auto-focus & auto measure
Motorized stage controller (select stage size)

Expand with
2nd indenter position
Additional objectives
Software packs for CDH, weld, Screw head and many more
DuraSoft-Met Metallography software pack

DuraVista-40A
Configurable load range 0,1gf - 62,5kgf
Motorized stage controller (select stage size)
13 Mpix overview camera
DuraSoft-Met Metallography software pack
Software packs for CDH

Expand with
2nd indenter position
Additional objectives
Software packs for weld, Screw head and many more

Scan for more information