

Struers Hardness Tester Equipment

DURAVERSA-100

Universal hardness tester
with ultimate flexibility

- ✓ Vickers, Rockwell, Knoop, Brinell testing methods
- ✓ Motorized XYZ-axes for automatic testing
- ✓ Large 9 position turret for indenters, objectives and touch focus
- ✓ Upgradeable for programmable workflows



//////////

HIGHER THROUGHPUT AND ACCURACY

Hardness testing and verification are essential steps in the materialographic workflow. Whatever your material, sample size, or testing standard, Struers delivers reliable solutions designed to maximize throughput and ensure consistent, accurate results — while simplifying operation for users of all experience levels.





ALL METHODS IN ONE TESTER

Struers offers universal hardness testers designed to cover all common testing methods in one system.

From Vickers and Knoop to Brinell, Rockwell and K1C for ceramics, you get the flexibility to test a wide range of materials with high accuracy and consistent repeatability.

Advanced automation and efficient workflows help increase throughput, while Struers application knowledge, calibration and support ensure reliable results and long-term performance.

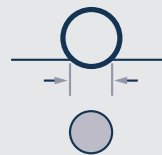
DuraVersa-100 Covers all Standard Methods

The hardness of a material is the resistance it exhibits to permanent deformation by penetration of a harder material. Four different hardness testing methods have become standard to cover all different types of material.

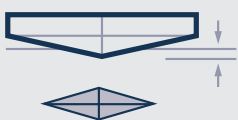
The DuraVersa-100 series universal hardness testers supports all common testing methods, incl. K1C for ceramics.



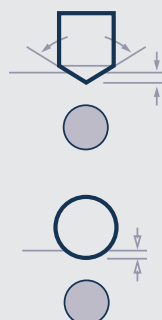
Vickers is a hardness test for all solid materials. It is calculated by measuring the diagonal lengths of an indent in the sample material left by a diamond pyramid indenter with a given load. The diagonals of the indent are measured optically to determine the hardness, using a table or formula.



Brinell is used for hardness testing larger samples with a coarse or inhomogeneous grain structure. The indentation leaves a relatively large impression, using a tungsten carbide ball. The size of the indent is read optically.



Knoop is an alternative to Vickers in the micro hardness testing range. It is mainly used for brittle materials and to facilitate the hardness testing of thin layers. The indenter is an asymmetrical pyramidal diamond, and the indent is measured by optically measuring the long diagonal.



Rockwell is a fast test method developed for production control and is mainly used for metallic materials. The hardness is calculated by measuring the depth of an indent after an indenter has been forced into the specimen material at a given load.

////////////////////

WE UNDERSTAND YOUR CHALLENGES

Accuracy and Reproducibility



Reproducibility and accuracy are essential to achieve the same reliable results every time, even when operators are not highly trained. Your process must comply with ISO and ASTM and be tailored to your specific needs, using the correct testing method to avoid errors that can lead to production stops or product recalls..

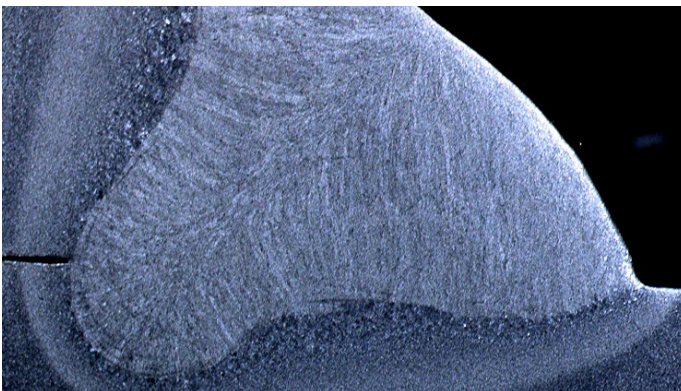
Throughput and Efficiency



Higher throughput requirements in labs reshape how samples are handled, how equipment is used, and how people work. The push for more samples impacts the results and the quality.

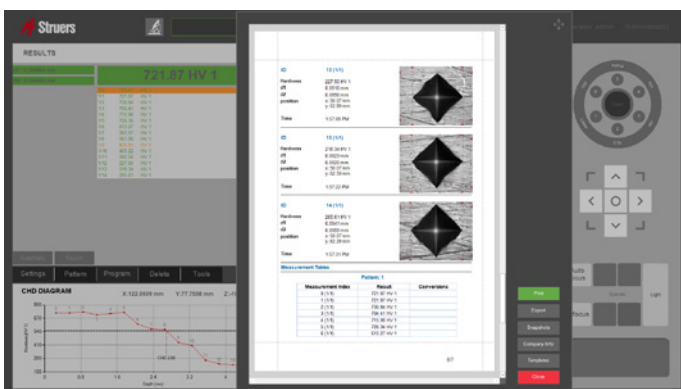
As production volumes grow and product cycles shorten, labs must deliver more measurements with the same or fewer resources. High-throughput testing methods are becoming more common because traditional protocols slow down development and quality assurance.

Complex Samples



Not every sample is straightforward to hardness test. Some are very small, have low-contrast surfaces, or include ultra-thin coatings that demand a specific testing approach. These challenges can slow down your workflow or lead to inconsistent results. In such cases, consulting a specialist can help you choose the right method and adapt your process to new or complex materials.

Documentation



Not only is it important to have detailed documentation of your results for your and your customers' internal audits and quality control, but it is a legal requirement in order to obtain ISO and ASTM certifications. The right testing solution will enable you to create, record, and share documentation in common formats and in any language.

////////////////////

ALL-IN-ONE HARDNESS SOLUTION

DuraVersa-100

The DuraVersa-100 is a versatile automated universal hardness tester designed to meet the full spectrum of hardness testing requirements. Supporting all common hardness scales – including Rockwell, Vickers, Knoop, and Brinell – it delivers a true all-in-one solution for laboratories and production environments.

Available in three configurations, it offers an exceptional load range from 200 gf up to 250 kg, 750 kg, or 3000 kg, with optional extension down to 10 gf for all versions. A unique 9-position turret allows flexible setup of indenters and objectives to match specific applications.

Controlled by advanced software, the system integrates an 18-megapixel camera, a metallurgical microscope, and a motorized Z-axis with autofocus and auto-measure, ensuring precise, repeatable results with minimal operator influence.

Models with automated stages further expand productivity by enabling advanced automation routines, making the DuraVersa-100 a highly versatile and efficient solution for modern hardness testing.



	DuraVersa-100A	DuraVersa-100B	DuraVersa-100C
Test load	0,2 kgf - 250 kgf (1.96-2452N)	0,2 kgf - 750 kgf (1.96-7357.5N)	0,2 kgf - 3000 kgf (1.96-29430N)
Force range extension 10gf - 200gf	Optional	Optional	Optional
Supported hardness methods:	Vickers (EN ISO 6507, ASTM E-92, ASTM E-384, JIS Z 2244) Knoop (EN ISO 4545, ASTM E-92, ASTM E-384, JIS Z 2251) Brinell (EN ISO 6506, ASTM E-10, JIS Z 2243) Rockwell (EN ISO 6508, ASTM E-18, JIS Z 2245)		
Measurement system	18 Mpix camera with auto-focus & auto measure		
Turret	Motorized 9 position turret, incl. 1 laser / touch probe, rest freely configurable		
Touch focus	•	•	•
Motorized Z-axis test head	•	•	•
Overview camera 13 Mpix	Optional	Optional	Optional
Expand with			
Optional objectives	0,7x, 2,5x, 5x, 10x, 20x, 40x, 60x, 100x		
Overview camera	13MP including overview lights		
Fixed anvil	Various flat and V- options		
Manual XY-stage	Various options		
Motorized XY-stage	7 sizes		
Software modules	for CHD, SHD, NHD, weld testing, screw head, etc.		
Optional scales	Hardness method KIC, Brinell AI, Vickers AI		



Scan for DuraVersa-100 tech sheet



////////////////////

DISCOVER DURAVERSA-100

Wide Load Range for Multi-Scale Testing

Available in three configurations, the DuraVersa-100 covers an exceptional range—from as low as 200 gf up to 250 kg, 750 kg, or 3000 kg. Optional extension down to 10 gf across all versions ensures ultimate versatility.

Advanced Imaging

Equipped with an 18 MP camera and metallurgical microscope, the system captures crisp, high-contrast images with full detail retention during digital zoom.

Best Brinell Optics

The optional 0.7x XLED objective, featuring parallel illumination, enables accurate and repeatable evaluation of large Brinell indents across a wide range of materials and hardness levels.

Fast, Precise Autofocus

Touch Focus technology, supported by a dedicated probe, provides fast, precise autofocus to improve consistency.

Flexible, High-Precision Stages

The system supports a fixed anvil, manual stage, or any of the seven compatible motorized stages. The motorized stages use high-resolution encoders and backlash-free spindles for smooth, accurate positioning. All stages are designed for field upgrades to accommodate future testing needs.



Turret Flexibility

The 9-position motorized turret uses an angled layout for better access and visibility and comes with a dedicated touch probe with positioning laser and has 8 freely configurable positions for indenters and objectives.

Supports All Standard Hardness Testing Scales

With full support for Rockwell, Vickers, Knoop, and Brinell scales, it is the all-in-one solution for modern hardness testing demands.

Overview Navigation

The optional high-resolution overview camera with integrated LED illumination provides evenly lit, true-color images of large samples or multi-sample holders. Snapshots can be captured instantly for documentation and reports.

DuraSoft Software

Engineered to simplify and automate the most complicated hardness testing requirements across industries in the hardness testing field with all simplicity.





DirectConnect Stages

- ✓ Field exchangeable and upgradeable
- ✓ Swapped in seconds – no downtime
- ✓ Built-in encoder for high speed and precise positioning
- ✓ Power and communication integrated – no external cables

////////////////////

7 STAGES – YOUR CHOICE

The DuraVersa-100 redefines flexibility with it’s innovative DirectConnect stage technology.

The DirectConnect interface supports seven sizes of wireless motorized XY in two weight classes—up to 400 kgf and up to 4000 kgf static load. All stages provide full-area access for placing large numbers of indents and reliably relocating them for verification. Power and communication pass directly through the mounting foot—no external cables—enabling fast, clean setup and instant swapping between anvils, specimen supports, manual stages, and any DirectConnect stage.

Each motorized stage includes integrated positioning encoders for precise navigation across the entire travel range. Stages can be exchanged within seconds for application-specific needs or replaced in case of failure, minimizing downtime and eliminating duplicate tooling across multiple testers.



Overall size	215 x 160 mm	260x205mm	360x205mm	490x224mm	410x265mm	510x265mm	560x265mm
Displacement	75x75mm	120x120mm	220x120mm	340x120mm	200x150mm	300x150mm	400x150mm
Load	400kg maximum				4000kg maximum		
Resolution	0.001 mm						
Repeatability	± 0.0015 mm						
Item number	06709280	06709281	06709282	06709283	06709284	06709285	06709286

////////////////////

SOFTWARE

DuraSoft is Struers' modern and reliable software platform for automated hardness testing; combining precision, efficiency, and streamlined workflow control.

With automatic indent measurement, autofocus, and application based test patterns, it supports high throughput while ensuring accurate, repeatable results with minimal operator influence. The software includes standard hardness conversions according to ASTM and ISO and offers flexible data output, including automated reporting and Excel export.

Modular software options let you quickly set up anything from simple tests to complex patterns or maps. Multi-level user management ensures consistent, error-reduced operation across teams, making DuraSoft an intuitive, reliable solution for routine and advanced hardness-testing workflows.

How does hardness testing software help?

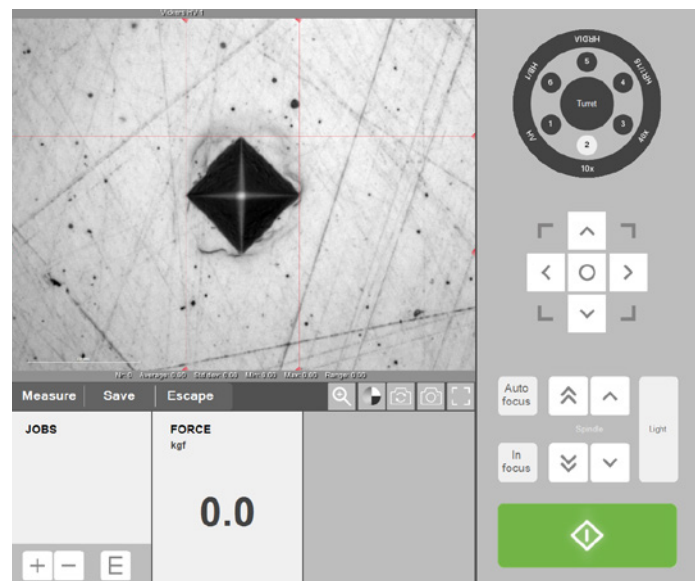
- ✓ Application based solutions
- ✓ Advanced workflow control
- ✓ Enhanced reporting
- ✓ Secure documentation
- ✓ Greater repeatability



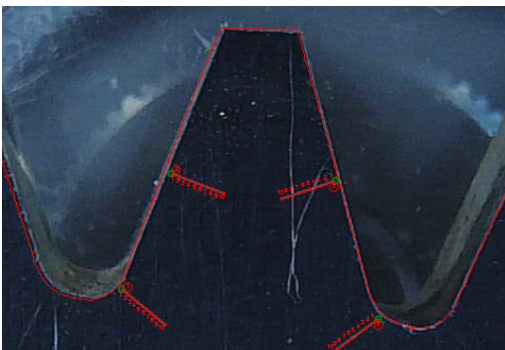
Standard in DuraVersa series

DuraSoft-equipped machines come standard with a comprehensive suite of tools to enhance testing efficiency:

- ✓ Auto-focus
- ✓ Auto-illumination
- ✓ Auto-Measure: Provides accurate measurements for Brinell, Vickers, and Knoop indents.
- ✓ Report Generator: Includes a variety of preloaded templates for streamlined reporting.
- ✓ Data Export Function: Allows seamless data transfer for editing in external spreadsheet programs.

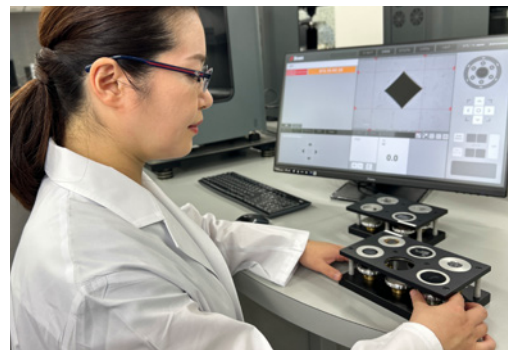


Multi-pattern



Easily apply any number of stored patterns and indentation locations to your sample—instantly and precisely. Ideal for recurring test routines and component series. Align test-point layouts directly on the part itself, and use contour scanning for fully automated positioning.

Multi-job

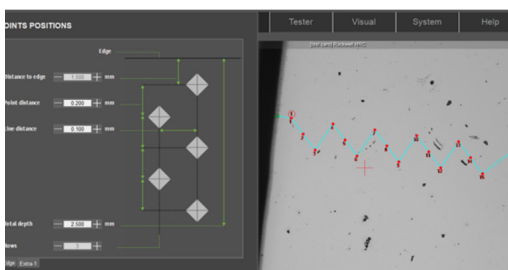


Load numerous samples with their respective test patterns, hardness scales and reporting formats at once and run them in one long batch, without supervision of an operator. Evaluate and store the results after the indent and measure process has been completed.

////////////////////

SOFTWARE MODULES

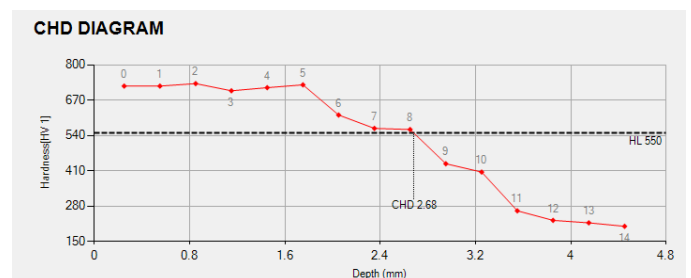
Test Point Editor



Module for defining and setting up basic test patterns (line, square, zigzag, triangle) on testers with a motorized stage.

- ✓ Create simple patterns in a few seconds.
- ✓ Possibility to set up multiple patterns for automatic testing on multiple samples.

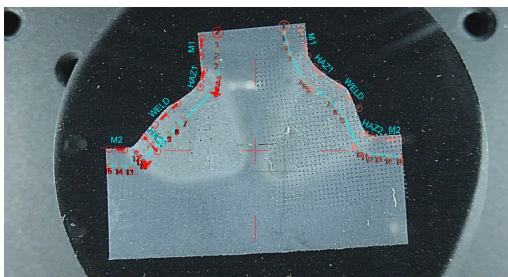
Hardness Depth Module



Hardness depth test module for machines with automatic stages. Enables CHD, SHD and NHD testing patterns for surface treated samples.

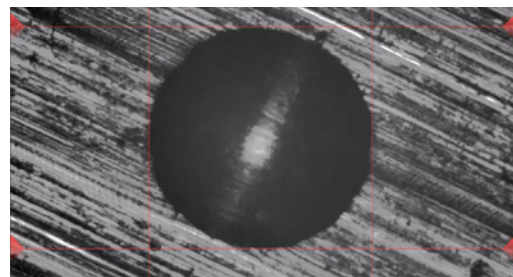
- ✓ Flexible and easy to position single and multi-line indentation patterns.
- ✓ Automatic test termination to save time.

Weld Measurement Module



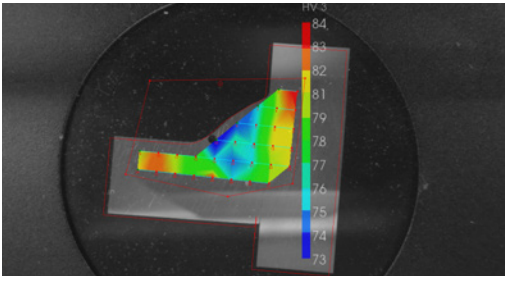
Define test patterns precisely across the base material, HAZ, and weld zone—fully compliant with ISO 9015. The customizable pattern adapts seamlessly to any weld geometry, ensuring consistent and repeatable results.

AI Module



Trained on thousands of images, the Artificial Intelligence module can identify and measure even hard to read, low contrast indents. Available for Brinell and Vickers.

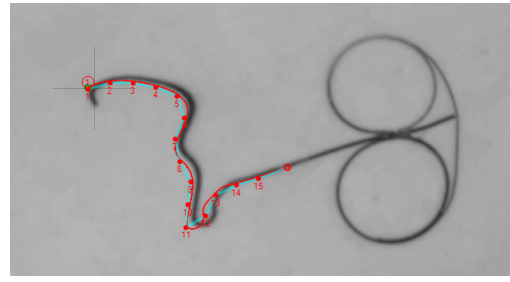
Hardness Mapping Module



Module for 2D or 3D hardness mapping over areas or scanned contours.

- ☑ Creates a color map of the full surface, allowing to identify hardness variations and criticalities in the sample.
- ☑ Ideal for extrapolation of mechanical properties of materials on the whole surface.

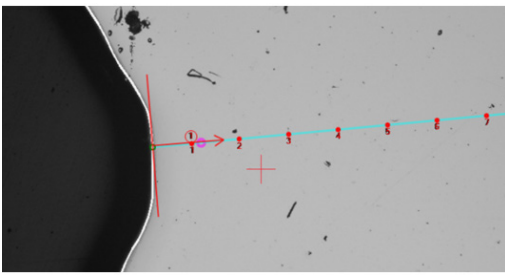
Contour Scanning Module



Automatically scans the full contour of the samples using edge detection

- ☑ Allows automatic pattern placement according to template.
- ☑ Automated placement of indents along the specimen contour.

Automatic Edge Detection



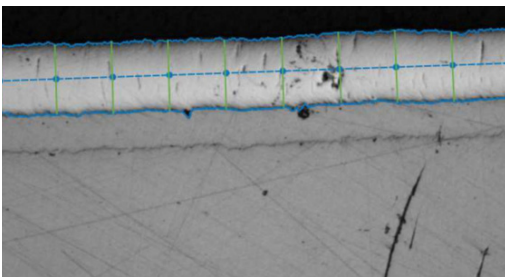
Module for edge recognition by creating test pattern perpendicular or parallel to the specimen edge. For quick positioning of indents at specific distance and angle from the sample edge. Useful for surface-and hardening depth.

Barcode Module



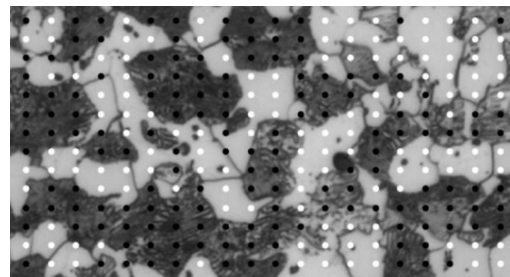
Links scanned QR barcodes to predefined test programs. Simply scan an item and the correct program loads automatically. With seamless data transfer of serial numbers and other key parameters.

Coating Thickness Module



To determine layer thickness according to ISO standards. Automatic measurement of single and multiple layers and coatings. Part of DuraSoft-Met.

Phase Analyses Module



Analytics module for calculating Volume Fraction or Phase Analysis. Grid counter presents the Black Fraction and White Fraction. Part of DuraSoft-Met.

See all software modules on our website

Scan QR code for more information





EQUIPMENT OVERVIEW

DuraVersa-100 always comes with:

- Loadcell based load range
- Integrated PC
- 27" touchscreen
- 18 Megapixel high-resolution camera, auto-illumination and auto-focus.
- Built-in controller for the motorized Z-axis and optional motorized XY-stage
- Software modules for manual & automatic indent measurement, auto-focus, user level management and reporting

DuraVersa-100		Item number
DuraVersa-100A	Universal hardness tester based on load cell technology for automatic testing of Vickers, Knoop, Brinell and Rockwell. With extended test load range of 1.96 – 2450 N (200 gf – 250 kgf). 100-240VAC, 50/60Hz, single phase Includes touch probe with integrated laser pointer	06616131
DuraVersa-100B	Universal hardness tester based on load cell technology for automatic testing of Vickers, Knoop, Brinell and Rockwell. With extended test load range of 1.96 – 7357.5 N (200 gf – 750 kgf). 100-240VAC, 50/60Hz, single phase Includes touch probe with integrated laser pointer	06616132
DuraVersa-100C	Universal hardness tester based on load cell technology for automatic testing of Vickers, Knoop, Brinell and Rockwell. With extended test load range of 1.96 – 29430 N (200 gf – 3000 kgf). 220-240VAC, 50/60Hz, single phase Includes touch probe with integrated laser pointer	06616133
DuraVersa-100C - 110V	Universal hardness tester based on load cell technology for automatic testing of Vickers, Knoop, Brinell and Rockwell. With extended test load range of 1.96 – 2450 N (200 gf – 250 kgf). 100-120VAC, 50/60Hz, single phase Includes touch probe with integrated laser pointer	06616233

For all models: indenter base, indenter seat, indenter, anvil and/or (motorized-) stage and objectives are to be ordered separately.

Load option		Item number
Load expansion 10gf	Expands the load range of your DuraVersa with 0.098 N - 1.962 N (10gf - 200gf) for all models	06703046

////////////////////

ACCESSORY ITEM OVERVIEW

Indenter seats		Item number
Seat 0,01 - 187.5 kgf	Indenter seat 10gf - (187.5kgf), 3mm indenter shaft Max. 2 per turret - uses 2 of 4 loadcell slots	06606907
Seat 1 - 250 kgf	Indenter seat 1kgf - 250kgf, 6.35mm indenter shaft Max. 4 per turret - uses 1 of 4 loadcell slots	06616936
Seat 0,2 - 62.5 kgf	Indenter seat 200gf - 62.5kgf, 6.35mm indenter shaft Max. 4 per turret - uses 1 of 4 loadcell slots	06616935
Seat 3 - 750 kgf	Indenter seat 3kgf - 750kgf passive, 6.35mm indenter shaft For a load range up to 250 kgf for model A, and upto 750 kgf for models B & C	06606910
Seat 5 - 3000 kgf	High force indenter seat 5kgf-3000kgf, 6.35mm indenter shaft Includes seat base	06616912
Fixed seat base	Fixed indenter seat base mounting set (1 required)	06606909
Adjustable seat base	Adjustable indenter seat base mounting set (1 required for each additional 06606907, 06606910, 06616936 & 06616935)	06606908
Indenters		Item number
Rockwell diamond	Rockwell Diamond indenter 120° with accr certificate ASTM & ISO, 6,35mm shaft	06709101
Rockwell 1/16" ball	Rockwell ball indenter, 1/16" with accr certificate ASTM & ISO, 6,35mm shaft	06709102
Rockwell 1/8" ball	Rockwell ball indenter, 1/8" with accr certificate ASTM & ISO, 6,35mm shaft	06709103
Rockwell 1/4" ball	Rockwell ball indenter, 1/4" with accr certificate ASTM & ISO, 6,35mm shaft	06709104
Rockwell 1/2" ball	Rockwell ball indenter, 1/2" with accr certificate ASTM & ISO, 6.35mm shaft	06709105
Vickers diamond	Vickers Indenter 136° with accr certificate ASTM & ISO, 3mm shaft	06709121
Vickers diamond	Vickers Indenter 136° with accr certificate ASTM & ISO, 6.35mm shaft	06709120
Knoop diamond	Knoop indenter 172° with accr certificate ASTM & ISO, 3mm shaft	06709130
Knoop diamond	Knoop indenter 172° with accr certificate ASTM & ISO, 6.35mm shaft	06709131
Brinell 1,0mm ball	Brinell ball indenter, 1 mm with accr certificate ASTM & ISO, 3mm shaft	06709114
Brinell 1,0mm ball	Brinell ball indenter, 1mm with accr certificate ASTM & ISO, 6.35mm shaft	06709110
Brinell 2,5mm ball	Brinell ball indenter, 2,5 mm with accr certificate ASTM & ISO, 3mm shaft	06709115
Brinell 2,5mm ball	Brinell ball indenter, 2.5mm with accr certificate ASTM & ISO, 6.35mm shaft	06709111
Brinell 5,0mm ball	Brinell indenter, 5mm with accr certificate ASTM & ISO, 3mm shaft	06709116
Brinell 5,0mm ball	Brinell ball indenter, 5mm with accr certificate ASTM & ISO, 6.35mm shaft	06709112
Brinell 10,0mm ball	Brinell ball indenter, 10mm with accr certificate ASTM & ISO, 6.35mm shaft	06709113

Optics		Item number
0.7x objective	XLED Objective lens for DuraVersa-100, 0.7x	06709031
2,5x objective	Objective lens for DuraVersa-100, 2.5x	06709001
5x objective	Objective lens for DuraVersa-100, 5x	06709002
10x objective	Objective lens for DuraVersa-100, 10x	06709003
20x objective	Objective lens for DuraVersa-100, 20x	06709004
40x objective	Objective lens for DuraVersa-100, 40x	06709005
50x objective	Objective lens for DuraVersa-100, 60x	06709006
100x objective	Objective lens for DuraVersa-100, 100x	06709007
Ring light 2,5x	LED ring light for 2.5x objectives	06709054
Ring light 5x & 10x	LED ring light for 5x objectives	06709055
Overview Camera	Overview view zoom camera + software functionality, field of view 35x50mm up to 200x180mm, includes overview lights, 13 megapixels full color	06606911
Objective socket	Adjustable objective socket 2.5x - 100x	06606901
Objective socket 0.7x	Adjustable objective socket 0.7x	06606902
Manual Stages		Item number
Stage 180x160 mm, 300kg	Manual XY-stage, 180x160 mm, 300kg max load with analogue metric micrometers, 25x25mm travel	06709215
	NOTE! For DuraVersa-100, add 06709219, 06709209 and 06709234 mounting plates.	
Digital micrometer	Digital micrometer, 1 pc. Digital micrometer with coordinate read-out in Duramin software (via USB connection) or directly on micrometer. 25 mm travel	06709216
Bluetooth micrometer S	Digital Micrometer with bluetooth, 1 pc. 25mm travel	06709288
Bluetooth micrometer L	Digital Micrometer with bluetooth, 1 pc. 50mm travel	06709287
XY-stage mounting plate	Mounting plate for Manual 100x100mm XY stages	06709249
XY-stage mounting plate	Mounting plate for Manual 180x160mm XY stage	06709230

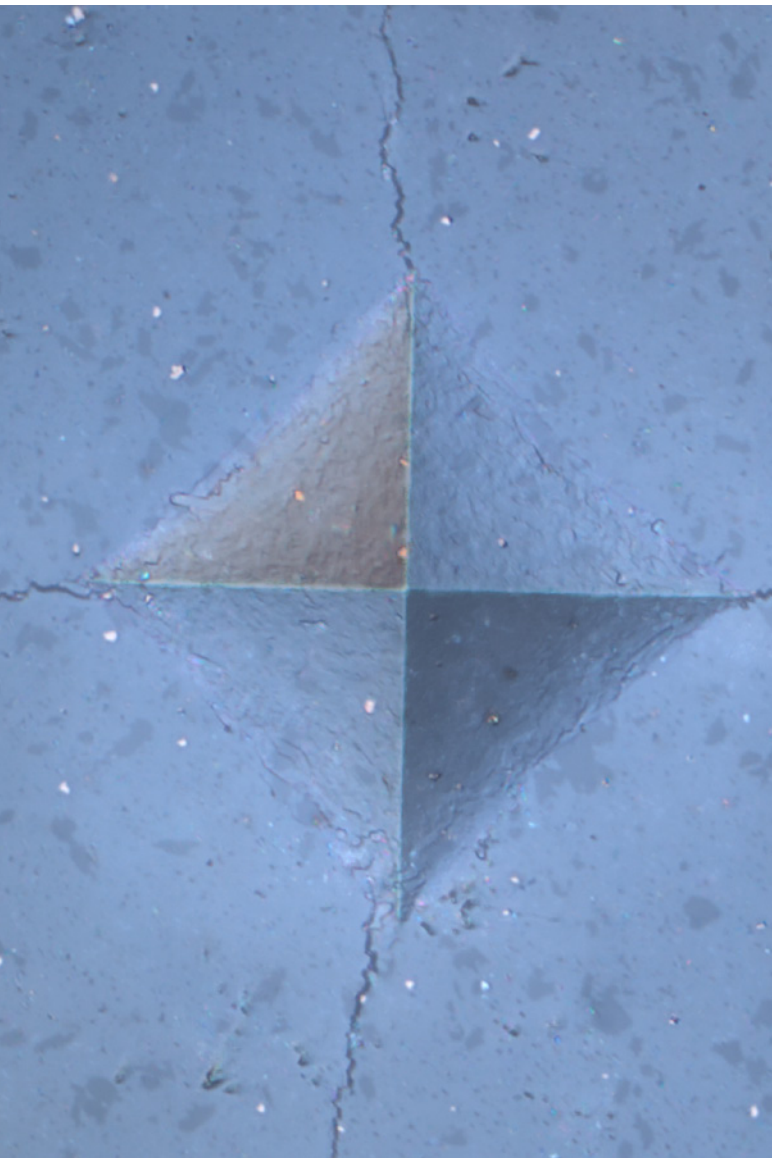
Motorized Stages		Item number
NOTE! DirectConnect motorized stage require quick connect foot 06709248		
Stage 215x160mm	DirectConnect motorized stage with built-in encoders, 215x160mm Travel: 75x75mm, resolution 0.001mm, repeatability +/-0.015mm, max. load 400kgf Not compatible with DuraVersa-100C	06709280
Stage 260x205mm	DirectConnect motorized stage with built-in encoders, 260x205mm Travel: 120X120mm, resolution 0.001mm, repeatability +/-0.015mm, max. load 400kgf Not compatible with DuraVersa-100C	06709281
Stage 360x205mm	DirectConnect motorized stage with built-in encoders, 360x205mm Travel: 220X120mm, resolution 0.001mm, repeatability +/-0.015mm, max. load 400kgf Not compatible with DuraVersa-100C	06709282
Stage 490x224mm	DirectConnect motorized stage with built-in encoders, 490x224mm Travel: 340X120mm, resolution 0.001mm, repeatability +/-0.015mm, max load 400kgf Not compatible with DuraVersa-100C	06709283
Stage, 410x265mm	DirectConnect motorized stage with built-in encoders, 410x265mm Travel: 200x150mm, resolution 0.001mm, repeatability +/-0.015mm, max load 400kgf	06709284
Stage, 510x265mm	DirectConnect motorized stage with built-in encoders, 510x265mm Travel: 300x150mm, resolution 0.001mm, repeatability +/-0.015mm, max load 400kgf	06709285
Stage, 560x265mm	DirectConnect motorized stage with built-in encoders, 560x265mm Travel: 400x150mm, resolution 0.001mm, repeatability +/-0.015mm, max load 400kgf	06709286
Quick connect foot	DirectConnect motorized stage with built-in encoders quick connect foot	06709248
Motorized Stages		Item number
Single sample holder	Specimen holder 1x50mm/2in	06709301
Four fold sample holder	Specimen holder, 4x50mm/2in Note: with 50mm (2") mounts, outer rim of samples out of reach on stage 06709282	06709302
Six fold sample holder	Specimen holder, 6x50mm/2in	06709303
Single sample holder	1 position sample holder, diameter 50mm or 2" with front operation elevator knob	06709320
Four fold sample holder	4 position sample holder, diameter 50mm or 2" with front operation elevator knob	06709321
Six fold sample holder	6 position sample holder, diameter 50mm or 2" with front operation elevator knob	06709322
Insert 25mm	Insert ring specimen holder, 25mm	1x 06709350
Insert 30mm	Insert ring specimen holder, 30mm	1x 06709351
Insert 40mm	Insert ring specimen holder, 40mm	1x 06709353
Insert 1"	Insert ring specimen holder, 1"	1x 06709355
Insert 1 1/4"	Insert ring specimen holder, 1 1/4"	1x 06709356
Insert 1 1/2"	Insert ring specimen holder, 1 1/2"	1x 06709357

Automation Software		Item number
Test point editor	Module for defining and setting up basic test patterns (line, square, zigzag, triangle) on testers with a motorized stage. Create simple patterns in a few seconds. Possibility to set up multiple patterns for automatic testing on multiple samples	06703005
Hardness depth module	Hardness depth test module for machines with automatic stages. Enables CHD, SHD and NHD patterns. Automatic test termination to save time	06703004
Weld module	Dedicated Weld Hardness measurement module for defining patterns according to base material, HAZ and Weld zone. Adaptable to any weld geometry. Allows accurate positioning of the indents along the Fusion Line with specific distance from the surface	06703001
Edge Detection Module	Automatic edge detection module for edge recognition for creating test pattern parallel to the specimen edge. For quick positioning of indents at specific distance and angles with respect to the sample contour	06703008
Contour Scan Module	Module for scanning the full contour of the specimen, builds a 2D model of the sample within seconds. Allows to measure the surface hardness around the sample or position the measurement points according to the geometry. Incl. Edge Detection	06703009
Hardness Mapping Mod.	Module for 2D or 3D hardness mapping over areas or scanned contours. Creates a heat map of the full surface, allowing to identify hardness variations and criticalities in the sample. Incl. Edge Detection and Contour Scan	06703010
Image stitching module	Module for scanning and stitching for a full stage overview or detailed images of larger areas of a test sample, such as big welds and large mechanical components. Use for positioning patterns or to visualize reporting. Works with standard objectives	06703018
Cartridge testing module	Module for testing shells/casings according to ammunition industry demands. Easy data management for multiple indents along the length of the cartridge. The fully automatic test procedure generates a detailed report, providing single readings and statistics	06703003
Screw Threads Module	Module for detection and analysis of fastener threads according to the three-point ISO 898-1 pattern. Incl. automatic contour detection of the thread.	06703006
Tap Screw Module	Module for fully automatic testing according to ISO 2702 for screw thread measurement of (de)-carbonized parts	06703021

Various Software		Item number
DuraLink Module	DuraLink Remote Control Module – Control your DuraVista directly from your desktop or laptop within your secure company network, enabling convenient, safe, and efficient remote operation	06703024
KIC module	Module for measuring Fracture Toughness K _{IC} using Nihara's formulation. Different formulations for Palmqvist and Median fracture models	06703002
Brinell AI Module	AI-driven Brinell testing module. Uses machine learning from numerous indents to accurately detect and measure even shallow or rough-surface impressions, continuously improving precision and reliability	06703022
Vickers AI Module	AI-driven Vickers testing module. Uses machine learning from numerous indents to accurately detect and measure even shallow or rough-surface	06703025
Force/Depth/Time Diagram	This feature will show the depth of the indenter in the material while performing a Rockwell measurement. Contains the visualisation of the relation between indenter depth and the force applied	06703019
DuraSoft-Met Module	Module that turns your hardness tester into a metallography microscope. Includes: - Coating thickness measurements acc. DIN EN ISO 1463 - Grain size measurement acc. to DIN EN ISO 643 and ASTM E112 - Volume fraction acc. to ISO 9042"	06703028
Park & Pause function	Module that allows to add a Park & pause action with user prompt after every pattern. Can be used to allow flipping specimens like crank shafts or Jominy rods	06703023
Q-DAS Module	Module for exporting test results in QDAS format (Aq def or Dfd/Dfx).	06703012
Manual Stage Software		Item number
Manual Hardness depth	CHD, SHD, NHD testing module for testers with manual XY-stage. Ideal for simple hardening depth tests which do not require an automatic stage	06703015
Manual adv. point editor	Advanced 3 axis coordinate & free style indent pattern configurator, +CHD, SHD, NHD and edge detection. Enables advanced testing even on manual stages	06703016
Additional items		Item number
Keyboard QWERTY	Wireless system Keyboard & wireless mouse US-International QWERTY	06703900
Keyboard AZERTY	Wireless system keyboard & wireless mouse, French AZERTY	06703930
Keyboard QWERTZ	Wireless system keyboard & wireless mouse, German QWERTZ	06703931
Dust Cover L	Dust cover DuraVista, size L (W380 x L640 x H1100 mm)	06709912
Cabinet 71	Base cabinet, 71x75x80cm	06709903
Cabinet 150	Base cabinet, 150x75x80cm	06709904
Anti vibration stage	Passive vibration isolation stage for DuraVersa-100	06709270

////////////////////

ALL THE SUPPORT YOU NEED



- ✓ **Application notes** find out how to perform materialographic analysis quickly and accurately on different materials in our available material application notes.
struers.com/materials ➤
- ✓ **A method for any material** learn more and see optimized methods for your material on our website. We have over 500+ predefined and proven methods.
struers.com/Library#methods ➤
- ✓ **Webinars & Courses** gain valuable insights into the latest applications and preparation methods via knowledge sharing. Refresh your knowledge or learn new techniques with our application experts.
struers.com/academy ➤
- ✓ **Struers ServiceGuard** gives you a complete solution for ensuring certainty at every stage, including a comprehensive annual service review and access to spare parts for ten years.
struers.com/technical-service ➤

CHOOSE A PARTNER, NOT JUST A SUPPLIER

Ensure certainty with a complete solutions partner

With Struers, you'll never need to spend time and cost managing multiple suppliers. We provide all necessary consumables and accessories, specifically designed to work flawlessly with our equipment at every stage of the process, which means you always get the right preparation result and the best value from your investment.

Optimize your entire process with expert guidance

Our materialographic experts can optimize your end-to-end process through Value Stream Mapping. As your partner, we share our extensive know-how via tailored services that make your specimen preparation faster, safer, and more cost-effective. This is what we call ensuring certainty—and it is the reason why thousands of materialographic professionals worldwide choose Struers.

Take a systematic approach

Based on extensive academic training and hands-on experience, our materialographic experts have developed optimized methods for any material. Simply tell us your preparation goal, and we will customize our standard method to your equipment, requirements, and operator capabilities, whether your focus is on quality, safety, speed, or efficiency.

Maximize uptime with consumables on delivery

We'll also help you to reduce your risk and keep inventory costs down with our robust global supply chain. For fast, reliable delivery, we have distribution centers across the U.S., Japan, China, Germany, and Denmark.

Our ISO 9001-certified LEAN production and strict quality control ensure all consumables perform as promised and contribute to a safer workplace.



**98% of consumables
are shipped within**

48 hrs





Explore our full range of hardness testers from manual tabletop equipment to automated solutions. Learn how they provide the reproducibility, accuracy and productivity for your lab setup.

