Struers
Ensuring Certainty

READY FOR REPEATABLE ROCKWELL RESULTS

Welcome to the new DuraVigo-150

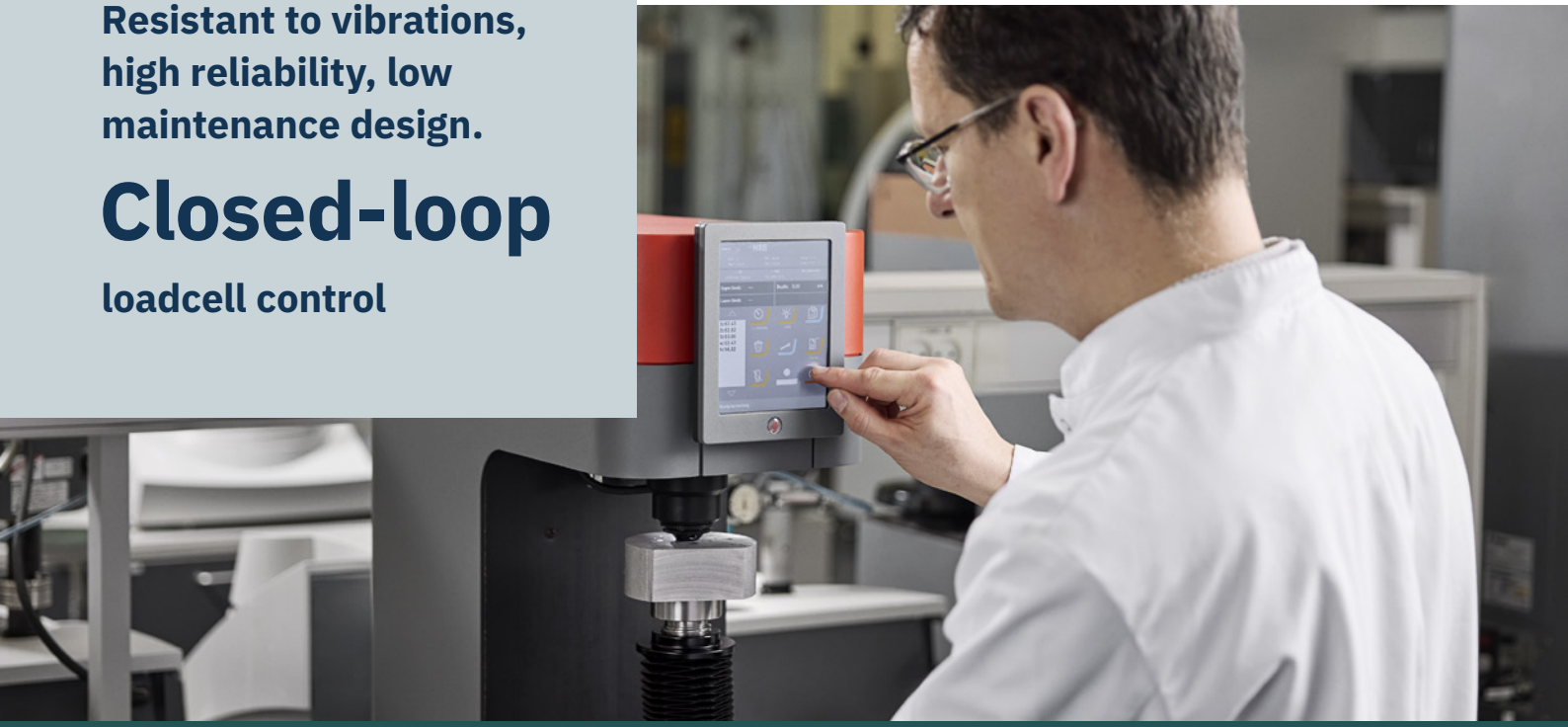
The DuraVigo-150 is a sturdy closed-loop Rockwell-hardness tester, supporting all Rockwell and superficial Rockwell scales between 3 and 250 kg. The electronic power control system offers high accuracy, efficiency, and flexibility, requiring minimal maintenance.
As a vigorous work horse, the DuraVigo-150 is constructed with a steel C frame for stability and padded with durable rubber to prevent dents and paint chippings from dropped components.

- **Easy to use** user independent Rockwell testing with the push of a button
- **Repeatability** due to inline high resolution depth measuring system
- **Data export** in common formats to create, record, and share results
- **Robust design** engineered to endure demanding workshop conditions

Resistant to vibrations, high reliability, low maintenance design.

Closed-loop

loadcell control



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.

Accurate hardness readings

The DuraVigo-150 Rockwell hardness tester offers flexibility and conformity to ISO and ASTM standards with it's permanent electronic test force monitoring and automatic test cycle. Its direct sub-micron depth-gauging system, precisely aligned with the indenter's axis, prevents measurement errors caused by system deformation. This ensures accurate and reliable hardness readings, making it an ideal choice for quality control in various industrial applications.

DuraVigo-150
Closed loop loadcell load system 3 – 250kgf (29,4 – 2452,5N)
Automatic test cycle
6.5" industrial capacitive touch screen
Clamping and protection cone
USB data out
LED sample illumination

Expand with
Diamond and ball indenters
V-anvils or large flat tables
Heavy-duty XY-stage
Vices & clamps

Scan for more information

Enhanced Functionality and Connectivity

With enhanced functionality and connectivity, the new DuraVigo-150 facilitates effortless transfer of test results to various data storage mediums through its conveniently positioned USB port. Its 6.5" capacitive touch color display, ensures operational precision and swift response. The accompanying software boasts an intuitive interface and large buttons, simplifying operation. Noteworthy features include high-/low-limit settings displayed in green and red, comprehensive statistics overview, and additional functionalities like hardness conversion and surface corrections, making it indispensable for quality control across diverse industrial sectors.