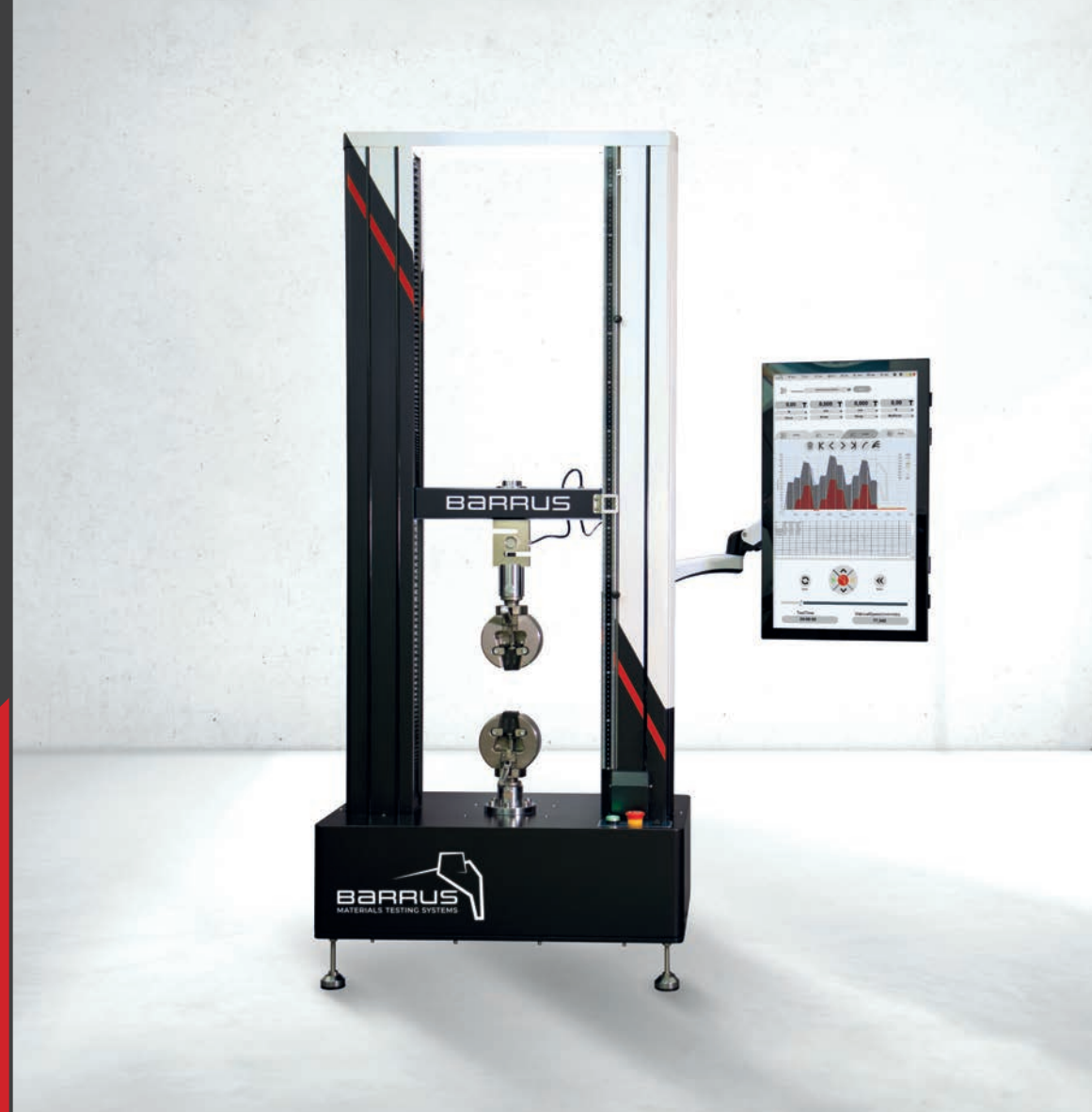


STRETCHING YOUR
EXPECTATIONS IN

PRECISION MATERIAL TESTING

TRUSTED BY



MEET OUR COMPANY

Established in 2008 and headquartered in Budapest, Hungary, Barrus boasts a team with over two decades of material testing expertise. Our presence extends across Hungary and Germany, with a dedicated service center in each country. Barrus testing machines are in active use throughout Europe, spanning from Italy to Germany.

OUR PHILOSOPHY

QUALITY AT A FAIR PRICE

In the world of material testing, we've noticed a mix of old practices and high-priced machines from established players. At the same time, some manufacturers charge a lot without delivering quality. With 20 years of experience, we've learned that top-quality machines don't need to come with a hefty price tag. Our goal has become to provide quality at a fair price.





→ BARRUS RED

THE BARRUS RED TENSILE TESTING MACHINES REDEFINE THE INDUSTRY STANDARD FOR FORCE MEASUREMENT ACCURACY.

This high-end universal testing machine is engineered with superior functionality, featuring an **expansive touchscreen interface**, an **extensive range of accessory options** such as **external extensometers**, and an improved user experience of the software.



All machines come with an all-inclusive IVORY SOFTWARE PACKAGE.



PRODUCT VERSIONS

■ Low-Force Barrus RED

Single-Column: Up to 5 kN

■ Mid-Range Barrus RED

Dual-Column Model: Up to 500 kN

■ High-Force Barrus RED

Floor Model: Up to 5000 kN

Options

Extra width Extra height Extended model



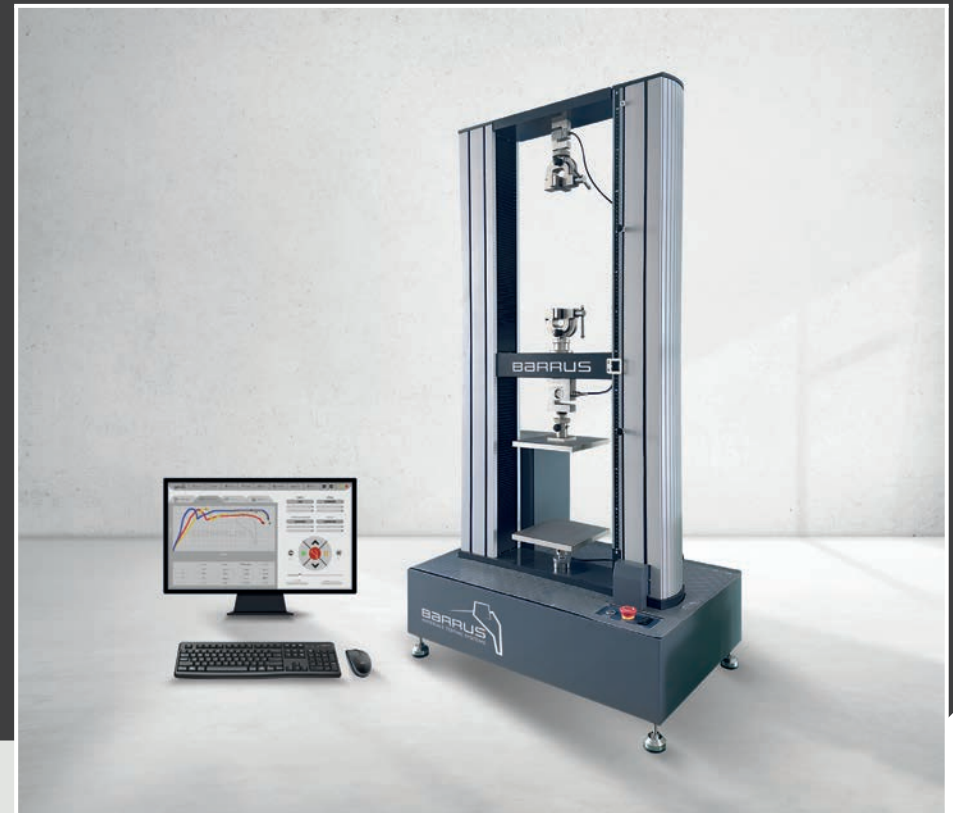
→ **BARRUS GREY**

COST-EFFICIENCY AND RELIABILITY IN MATERIAL TESTING

The Barrus Grey is designed for adaptability, offering configurable force cells up to 100 kN and high-precision internal displacement measurement and extensometer integration for diverse testing applications.

ⓘ All machines come with an all-inclusive IVORY SOFTWARE PACKAGE.

Specialized customization at minimal markup.



PRODUCT VERSIONS

- **Low-Force Barrus Grey**
Single-Column Systems: Between 5 N and 5 kN
- **Mid-Range Barrus Grey**
Dual-Column Models: Up to 100 kN
- **Customized Barrus Grey**
Custom size models





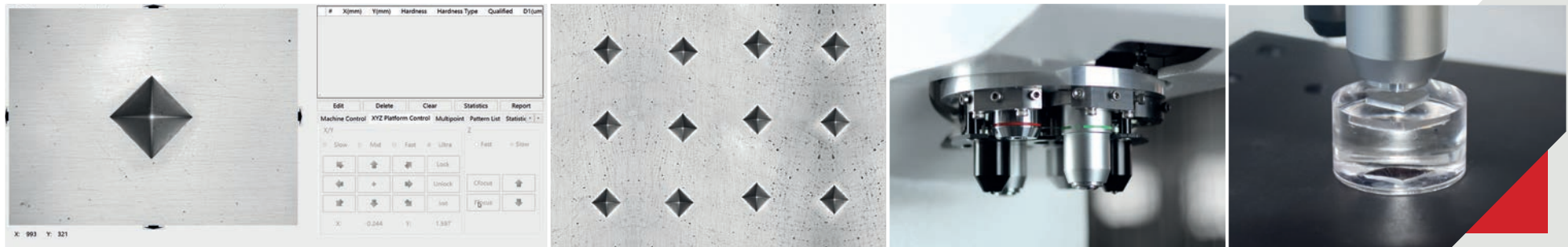
→ INTELLIGENT HARDNESS TESTING

Our intelligent hardness testing systems help you to do your high-demand hardness testing applications fast, reliably and accurately.

SOME HARDNESS TESTING APPLICATIONS REQUIRE MANY INDENTATIONS, SUCH AS:

- CHD - Case Hardness Depth
- SHD - Surface Hardness Depth
- Weld sample analyzing
- NHD - Nitriding Hardness Depth
- Tooth flank testing
- Hardness mapping

Our cutting-edge, intelligent hardness testing systems simplify and automate your testing process. Simply select the pattern and starting point, press the start button, and relax with a cup of coffee while the Barrus system handles the rest.



→ **HARDNESS TESTERS**

Our selection includes Vickers, Brinell, and Rockwell testing machines, meticulously designed to meet your needs in quality assurance, production-line efficiency, and laboratory analysis.



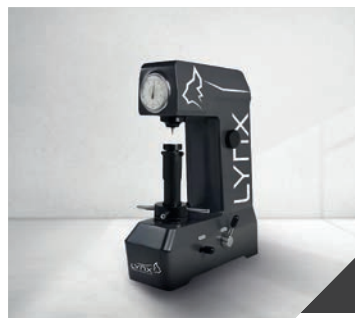
BRINELL HARDNESS TESTER

- From 62.5 kg to 3,000 kg
- With force sensor-based closed-loop systems
- Optical systems are available in digital or analog options
- Analog or electronic microscopes
- LCD screen
- XL model



VICKERS HARDNESS TESTER

- From 0,01 to 30 kg
- Easy data entry with digital microscope
- Manual or automatic measurement options
- High-resolution CCD cameras
- Data export to Excel



ROCKWELL HARDNESS TESTER

- Between 60 and 150 kg
- Analog and digital versions available
- Large inspection areas
- Online statistics
- USB/RS-232 outputs



WORK WITH EXPERTS!

+ SERVICE AND SUPPORT

CONSULTANCY

At Barrus, our specialists provide extensive and tailored advice to customers in the fields of material testing. We are committed to professionally addressing customer-specific needs and resolving issues.

ACCESSORIES AND PARTS

Looking to upgrade your current testing machine? We offer a wide range of accessories, including grips, tools, temperature chambers, and video extensometers, compatible with any brand like Zwick, Instron, MTS, Shimadzu, and more.

MODERNISATION

We advocate upgrading existing machinery with modern components as a cost-effective alternative to new purchases, satisfying current operational needs.

MAINTENANCE

Enhance your investment's longevity with our preventative maintenance program, which includes a 3-year guarantee covering cleaning, lubrication, adjustments, wear checks, and of course help to set up your new tests, change the reports, deepening your materials testing expertise.





→ **WWW.BARRUS-TESTING.COM**

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SCAN FOR OUR WEBSITE

Continental



DENSO



VERITAS



Valeo

