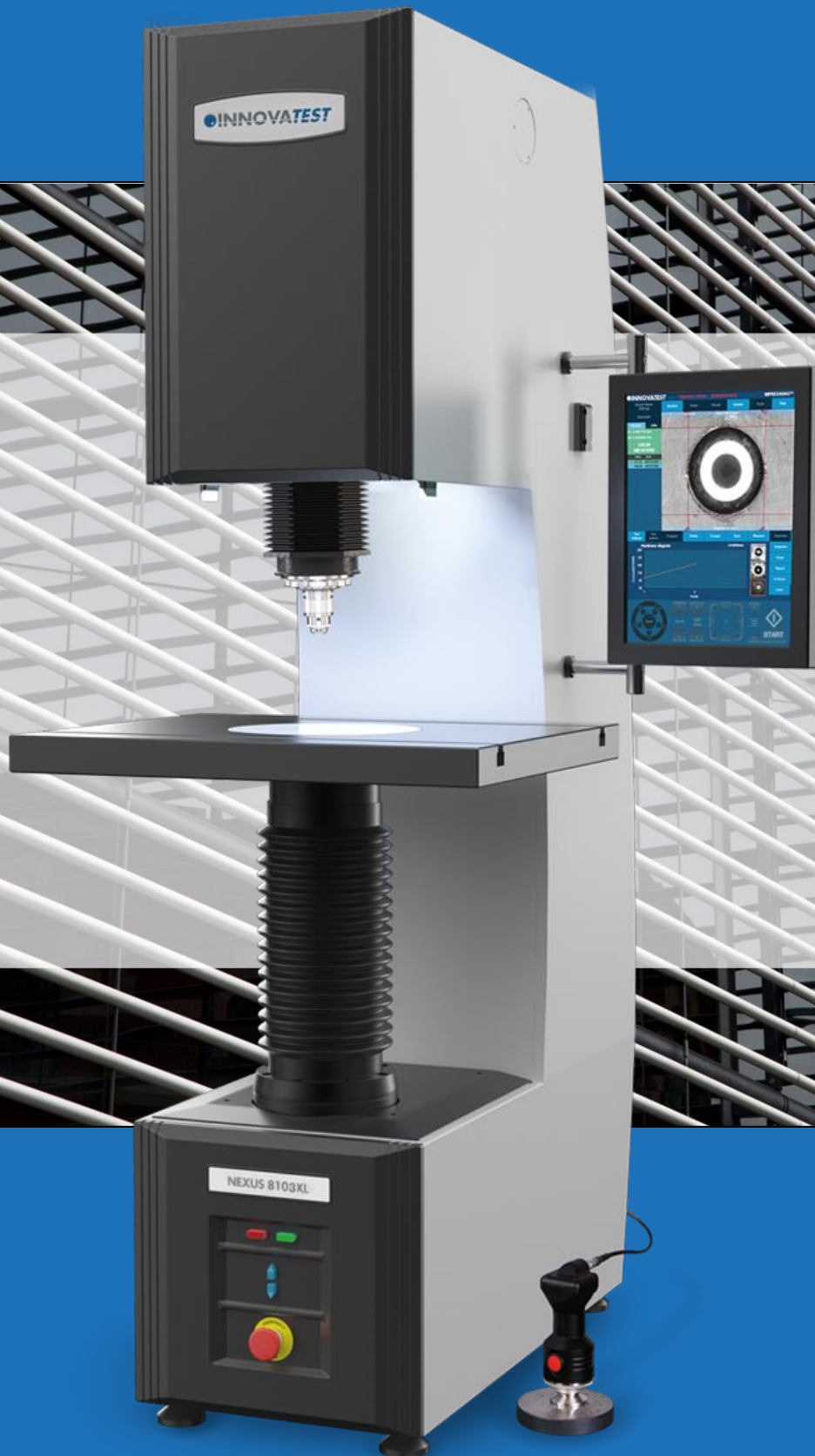


# NEXUS 8103XLM-RSB

AUTOMATIC BRINELL HARDNESS TESTER



# NEXUS 8103 RSB/XLM-RSB

The 8103 series are heavy duty hardness testers, robust, rigid, heavy duty design suitable for HBT measurement and contain high-quality mechanical components. Load cell, closed loop force feedback system. Unique in its class, the NEXUS 8103 series have a descending test head and a manual or motorized Z-Axis spindle. This provides a flexible working height and automated test head operation.

Aircraft engine parts, automobile parts and production lines are all covered by the NEXUS 8103. The NEXUS 8103 is developed as a fast Brinell Depth measuring system. The optional supplied BIOS scanner allows to conduct optical measurements too.



## HIGHLIGHTS :

|                         |   |
|-------------------------|---|
| <b>SCALES</b>           | Brinell, Rockwell, Superficial Rockwell.  |
| <b>TEST FORCES</b>      | 3kgf-3000kgf.   |
| <b>MICROSCOPE</b>       | BIOS Brinell Indent Optical Scanner.  |
| <b>LOAD APP. SYSTEM</b> | Fully automatic, Load cell, closed loop, force feedback.  |
| <b>CONTROL</b>          | Fully integrated Windows Controller, SSD hard disk, Windows 10 operated, IMPRESSIONS™ advanced workflow software, includes automatic measurement, keyboard & mouse. |
| <b>DISPLAY</b>          | 15" full color touch screen.  |
| <b>SOFTWARE</b>         | Multi USB, CSV files, single readings, reports, printer, Q-DAS certified.   |
| <b>ILLUMINATION</b>     | Power LED.  |
| <b>Z-AXIS</b>           | Manual or motorized.  |
| <b>CLAMP</b>            | Clamp to protect indenter and fix workpiece to anvil or stage.  |
| <b>WORKPIECE ACC.</b>   | <b>8103</b> : 380mm (H) X 260mm (D).<br><b>8103 XL</b> : 580mm (H) X 285mm (D).   |
| <b>ANVILS</b>           | Anvils, stages, accessories as per detailed catalogue.  |

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