

# INTEGRAL REVOLVER

PRODUCTION HARDNESS TESTER



**Integral Revolver** is the simplest model in the family of hardness testers with multi-slot head with integrated milling: operating on a single test axis, it is the ideal solution for testing small/medium-sized pieces with extreme precision, as well as larger components, without problems and, above all, without the need for a manual grinder.

The operation of Integral Revolver is highly intuitive, thanks to the proprietary software developed by Easydur. Moreover, the compatibility with Industry 4.0 makes this hardness tester a truly modern and versatile instrument.

## **INTEGRAL REVOLVER : versatility and accessories**

**Integral Revolver** has the peculiarity of having a movable head and a large support base that will always remain fixed during testing, so that even large pieces can be positioned and firmly secured, contrarily to laboratory hardness testers, which have a single piece lifting screw, totally unsuitable for supporting heavy components.

Integral Revolver can be fitted with hydraulic clamps or other types of tools, such as, for example, 'V' supports, allowing to test round components.



# INTEGRAL REVOLVER

PRODUCTION HARDNESS TESTER

Equipped with the special **Multi-slot head** designed by Easydur, INTEGRAL REVOLVER can:

- Automatically perform surface preparation, adjusting RPM and test depth (up to 5 mm) through a dedicated slot inside the revolver head
- Complete the indentation, using the appropriate indenter
- Read the indentation using the optical system with autofocus
- Generate the test report, which is directly forwarded to the company management system



## TECHNICAL CHARACTERISTICS:

Surface preparation even on small pieces without clamping	
Possibility of milling pieces up to	55 HRC
Adjustable milling depth	from 0 to 5 mm (Ra 2.5 to 3.2)
Test loads	750 - 1.000 - 3.000 Kg
Spheres from	Ø 5 mm to Ø 10 mm
OPC-UA Module for <b>Interface 4.0</b> with Management Software	
Functional control with a single command	
Solid Steel Structure (not cast iron)	

## INTERFACEABLE EXTERNAL HARDWARE

- Marker
- QR/BAR Code Reader
- Optical instruments in general
- Automatic Lines
- AGV intelligent forklifts
- Automatic bridge crane

