

INTEGRAL UNIVERSAL

UNIVERSAL HARDNESS TESTER FOR INDENTATION TESTING



Integral Universal is the conceptually simplest hardness tester manufactured by Easydur. It's perfect for situations that require a universal hardness tester, capable of performing various types of tests without the need to disassemble and reassemble accessories, lenses and indenters. It's available in two versions: one with loads from 1 to 250 kg, and a more powerful version capable of performing hardness tests with loads from 10 to 3000 kg.

Integral Universal does not come with integrated milling system like the other Easydur hardness testers. This results in an increase in available space, which allows fitting up to 4 quickly interchangeable lenses, as well as any type of indenter. The instrument has an autofocus camera for automatic measurement of the results of the most common hardness tests.

The advantage of this machine is the large support table, in addition to the single elevating screw commonly found in laboratory hardness testers, which allows use with all types of pieces, even the larger ones.

TEST STANDARDS

- Brinell (EN-ISO 6506)
- Vickers (EN ISO 6507)
- Rockwell (EN ISO 6508)
- Testing on plastics (DIN 53456)
- Metallographic Testing (Knoop)

SOME AVAILABLE OPTIONS

- Indenters and samples
- Table with X-Y movement
- Special indenters
- "V" vice for round components with diameter up to 200 mm