

Application

Penetration hardness test of coatings. It consists of a sharp blade that is placed on the paint layer to be tested, with a weight of 500gr and a time of 30s. The width of the mark measured with a reticulated microscope with light determines the hardness of the film.



Standard

UNE 48252:1999, ISO 2815:1998.

Features

Unit for measuring hardness by the indentation of a bevelled disc indenting tool with a sharp edge. This is fitted onto a steel block with two supports providing a constant test load of 500g. When placed on a coating for 30 seconds, the disc leaves a trace that can be observed with the x20 microscope, with graduations every 0.1mm. The indentation length is then recorded. This length of the trace is inversely proportional to the hardness. Supplied with an indentation locator template, and illuminated microscope. Weight 2 kg.

Order

Ref.0300410 Buchholz indentation test kit ISO 2815

Scope of supply is:

- o Main metal equipment with indenter in the form of a wheel.
- o Microscope 20 x illuminated
- o Battery 2xAA
- o Template
- o Marker pen
- o Laboratory timer (stopwatch)
- o Bubble (level)
- o Carrying case

Accessories / Spare parts

The following options are available as spare parts

- o Spare magnifying glass, part no. 0300401
- o Spare bulb, part no. 0300402

Certificates

SER-CT023 Calibration certificate with BUCHHOLZ DUROMETER traceability (weight in grams).