

## Buchholz Hardness Tester – Model FL2000H

Buchholz hardness tester FL-2000 H is a Multi-purpose manual hardness tester for hardness determination on:

- Coatings of lacquers and varnishes in compliance with DIN 53153, ISO 2815 and NFT 30-052
- Coatings
- Foils and coated foils
- Magnetic tapes

The hardness determination on these materials has been simplified and a high reliability has been achieved with the help of this new test method.

The measuring results can be read from the display of the dial gauge after a test time of 30 seconds.

The dial gauge is integrated in the instrument, so that the penetration depth can be measured and read directly in  $\mu\text{m}$  without the need of a conversion procedure.

The dial gauge is equipped with a zero function.

With the help of this function you can do a control-test which helps to find out the real penetration depth and the elasticity of the varnishes and coatings.

By the reduction of the main load you can avoid measuring errors caused by elastic deformations and also if coating of the varnishes is pressed through.

You can perform an easy, quick and good reproducible measurement under load with the help of this measuring system.

You can find a table with the corresponding Buchholz-values at the rear side of the instrument.

