



BITUMEN

Cleveland Open Cup Flash Point Tester

PRODUCT CODE

NT-B0210 Semi-Automatic Digital Bitumen Penetrometer
NT-B0212 Penetrometer needle 2,5 gr.
NT-GC0525/S Sample Cup Ø 55×35 mm, stainless steel

STANDARDS

AASHTO T48, ASTM D92, EN ISO 2592, EN 22592

SPECIFICATIONS

The Semi-Automatic Digital Bitumen Penetrometer is a high-precision laboratory testing instrument used to determine the penetration value of bituminous samples under constant load, time, and temperature. This instrument is widely used in road construction and quality control laboratories for penetration testing (of asphalt and bitumen), as well as material consistency and conformity analysis. Its modern semi-automatic features provide user convenience and accuracy.

The device consists of a mechanism mounted on a steel base plate, equipped with a spirit level, adjustable foot screws, a digital display with a resolution of 0.01 mm, a digital counter that provides adjustable and controlled needle drop between 0-99 seconds, an illumination system and a magnifying glass, and an electromagnetic piston release system.

The device is supplied with the following:

Penetration Needle (2.5g) – 1
Transfer Container
Sample Cup (Ø 55×35 mm, stainless steel) – 3 pcs.
50g and 100g weights
Needle holder and measuring device

