

Equotip 550 Leeb

Hardness testing of automotive parts in narrow spaces

Metal hardness is one of the vital parameters in producing high quality car bodies, engines, rims, cylinder heads and crankshafts, as well as other components. Verifying hardness levels is thus important for revealing the mechanical properties. Most automotive engine parts are heat treated and it is common practice for customers in the industry to use portable NDT instruments to check component surface hardness after the heat treatment process.

A crankshaft is a typical part of an automotive engine where there are narrow, hard-to-reach testing areas between crankpins. The Equotip features the uniquely designed so-called 'DL device' which is used to check the surface hardness in the narrow crankpin gaps. The accuracy and stability of measurements is unmatched and allows easy process control.

Proceq's portable Equotip 550 has proved so popular in this industry that it has now become a de-facto industry standard throughout the supply chain. Users especially appreciate the repeatability and accuracy of Equotip products - that has been unmatched over the past 40 years – along with their robustness and durability.



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