#### Standards

**DIN** 50157

### **Conversion Standards**

ASTM E140

ISO EN 18265

#### Guidelines

DGZfP Guideline MC 1 VDI / VDE Guideline 2616 Paper 1

Advanced algorithm option for faster measurement

Probe can be connected directly to PC

TTTTT



# **Specially For Thin Parts**

Particularly suited for scratchsensitive and polished parts or on thin parts, profiles and pipes. The required minimum thickness for a reliable hardness reading is ten times the indentation depth. For the mass there is no minimum requirement.



# Suits Various Sample Geometries

Equotip<sup>®</sup> 550 Portable Rockwell

Unique measuring clamp and support feet are available for the probe allowing tests to be carried out on various geometries.

World-Class

Portable Static

Hardness Testing



The Rockwell Measuring Principle

indentation depths d1 and d2 recorded at two defined loads, the difference is calculated:  $\Delta = d_2 - d_1$ . This is traditionally

#### **Broad Hardness Scales** Coverage

Measurements in HRC and HV with automatic integrated conversions to HB, HRA, HRB and many more common scales in compliance to ASTM E140 and ISO 18265.



#### For Any Environment

The Equotip 550 Portable Rockwell can be utilized for on-site, factory and lab environment with almost no limitation.





referred to as plastic deformation.

Swiss Precision since 1954

# Equotip<sup>®</sup> Portable Rockwell Probe and Accessories

15 mm







**Round standard foot (magnetic)** Ideal for flat parts, and test locations more than 10 mm from an edge. Tripod foot Designed for tests that require accurate positioning (welds, heat-affected zones). Special feet RZ 18-70 and  $70-\infty$ Designed for curved test pieces such as cylindrical parts, tubes, pipes.

# The Portable Rockwell Measuring Clamp





Support Z1 for flat parts max. 40 mm thickness



Support Z4 for tubes and pipes up to Ø 28 mm



**Support Z2** for thin cylindical parts, wires, bolts min. Ø 3 mm



Support Z4+28 for tubes and pipes over Ø 28 mm



NDT

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