

Rockwell Tester – made in Austria, proven worldwide



N3

15-187,5 kgf
Rockwell
Plastic testing
HBD, HVD



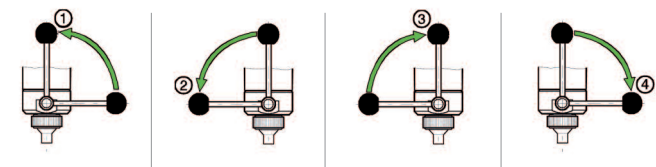
High efficiency – low cost.

Customised test loads and easy handling.



Easy operation.

Load application by means of 180° lever
(pre- and main load step).



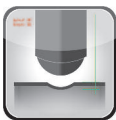
- 1 Application of pre-load
- 2 Application of main load
- 3 Application of 2nd pre-load
- 4 Back to initial position



Rockwell

acc. to EN ISO 6508, ASTM E-18

HRA	HRL	HR 15-T
HRB	HRM	HR 30-T
HRC	HRP	HR 45-T
HRD	HRR	HR 15-W
HRE	HRS	HR 30-W
HRF	HRV	HR 45-W
HRG	HR 15-N	
HRH	HR 30-N	
HRK	HR 45-N	



Plastic test

acc. to EN ISO 2039

49.03 N	132.9 N	357.9 N	961 N
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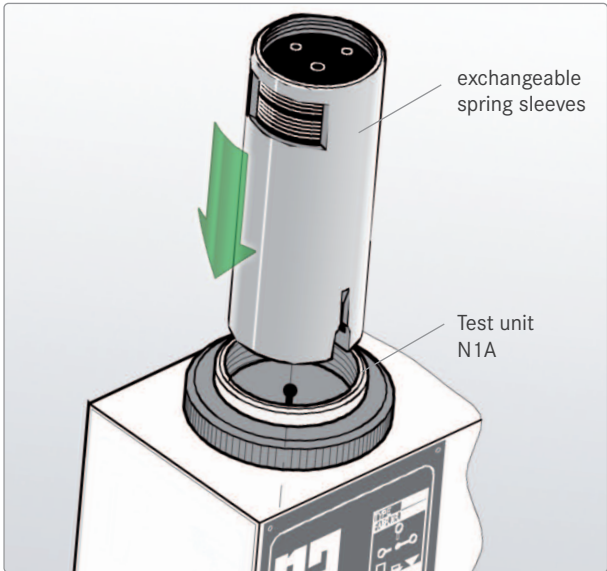
HVD, HBD

Depth measurement

HVD 30	HBT 1/30	HBT 2.5/62.5	HBT 5/62.5
HVD 100	HBT 2.5/31.5	HBT 2.5/187.5	

Approved technology.

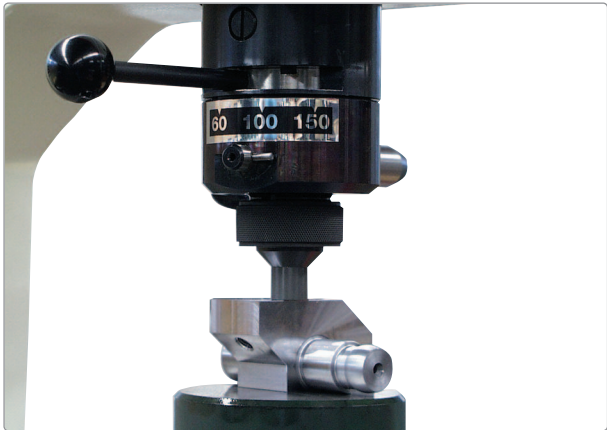
Changeable spring sleeve system for variable test loads.



Variable test loads.

The N1A test unit with exchangeable spring sleeves is used for different loads. (Spring sleeves with different loads).

Spring sleeve N2H	Test load 15 kgf
Spring sleeve N2C	Test load 30 kgf
Spring sleeve N2L	Test load 45 kgf
Spring sleeve N2E	Test load 60 kgf
Spring sleeve N2F	Test load 100 kgf
Spring sleeve N2A	Test load 150 kgf



Several test loads combined.

Four load adjustable test units available. Required test load selected via lever.

Test unit N1R	Selectable test loads 60/100/150 kgf
Test unit N1S	Selectable test loads 15/30/45 kgf
Test unit N1P	Selectable test loads 5/13.5/36.5/98 kgf



Dial gauge.

N3A hardness tester measurement readings via analogue dial gauge. Three coloured scales printed on the clock-face. Hardness value read on corresponding scale according to chosen test method and test load.

360° FULL SERVICE COMPETENCE

Expertise and experience - hand in hand.



Our strategy

The vision: “Build machines that do not simply do everything but which do everything simply” was Ernst Alexander Maier’s motto in developing the company EMCO-TEST from the legacy of his father and founder of the company into the worldwide technology leader in the field of hardness testing. Today, we are the largest manufacturer of hardness testing machines with the most modern

and efficient technologies in Europe. True to our mission – making everything related to hardness testing easier -, we are a single-source comprehensive solution provider for all related tasks: development, production, calibration, consulting and complementary services - a 360-degree view of all important issues. That’s competence for all matters relating to hardness testing: 360° FULL SERVICE COMPETENCE.

Accessories.

Complete accessory catalogue at www.emcotest.com

All N3 hardness testing machine accessories at www.emcotest.com: various indenters (incl. certificate acc. to EN ISO/ASTM), special nose cones, plane and V-anvils, spring sleeves, load adjustable test units, spindle-bellow, data cable, test blocks and a good deal more.



Indenters



Plane anvils and v-anvils

Technical data.

All basic data at a glance.



N3A

Measurement readings	Analog dial gauge
Height adjustment:	Hand wheel
Test height (N1A unit and spring sleeves):	285 mm
Test height (with load adjustable test unit):	230 mm
Throat depth:	170 mm
Max. work piece weight:	20 kg
Dimensions w x h x d:	205 x 830 x 470 mm
Basic machine weight:	35 kg
Room temperature:	5 - 40°

Benefit from our global sales and service network!

With qualified sales and service partners in over 40 countries, we guarantee top level support for you and your machine. You can find your local dealer on our website www.emcotest.com.



- Austrian head office
- Sales and distribution partners



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