

# Nosed Rockwell hardness tester

## Application:

Specially designed pressure head is extended horizontally, can measure the parts that are unable to be measured by the general hardness tester, such as ring and tube, with the minimum test inner diameter of 25mm

### Features:

More samples and test information, the measurement data U disk saved in EXCEL format, easy to edit and process.

Adopting electronic and electric loading, high precision sensor, with unique closed loop control system.

Touch screen interface, easy to operate, directly select the hardness scale, the force value is automatically changed in the test parameters.

According to the standard hardness block, the three segments of each hardness corrected.

The test force can be modified automatically by standard dynamometer.

Auto-loading main test force



## Specifications:

Model	HRS-150TDXC	HRS-45TDXC	HRS-150/45TDXC
Rockwell initial test force	10kgf(98.07N)	3.0kgf(29.4N)	10kgf(98.07N),3.0kgf(29.4N)
Rockwell total test force	60kgf(588N) 100kgf(980N) 150kgf(1471N)	15kgf(147.1N) 30kgf(249.2N) 45kgf(441.3N)	60kgf(588N),100kgf(980N) 150kgf(1471N),15kgf(147.1N) ,30kgf(249.2N),45kgf(441.3N)
Rockwell hardness scale	HRA,HRB,HRC,HRD, HRE,Hrf,HRG,HRH, HRK,HRL,HRM,HRR, HRP,HRS,HRV	15N,15T,15W,15 X,15Y,30N,30T,3 0W,30X,30Y,45N ,45T,45W,5X,45Y	15N,15T,15W,15X,15Y,30N,3 0T,30W,30X,30Y,45N,45T,45 W,5X,45Y
Dwell time	0-99s		
Hardness resolution	0.1HR		
Test force error	<1.0%		
Data output	LCD display		
Scale conversion	Brinell, Vickers	Brinell, Vickers	Superficial Rockwell, Brinell, Vickers
Carried standard	BSEN 6508, ISO 6508, ASTM E18, GB/T230		
Max. Height of sample	300mm		
The distance of indenter to the wall	250mm		
Dimension	720×260×840mm		
Weight	80kg		
Power	AC220+5%,50~60Hz		