

# iRock 1 and iRock 2 Small Rockwell Hardness Tester



## Product Feature

- Small and light. Min weight 0.8 kg.
- Operation as simple as micrometer.
- Convenient. Used on table or take off.
- Reliable. Designed by Rockwell hardness test method.
- As accurate as desk testers. Complying with ISO 6508 and ASTM E18.
- Traceable standard block.
- Traceable test force.
- Certificated indenter by standard Rockwell hardness tester

## Packing List

	Items
Standard Configurations	Tester
	Bench Stand
	120° Diamond Indenter
	1/16" carbide ball
	3 Rockwell test blocks
	Flat anvil
	V anvil
	Extensions
Optional Configurations	Carrying case
	120°Diamond Indenter
	Carbide ball indenter(1/16", 1/8")
	Steel ball indenter(1/4", 1/2")
	Standard test blocks(HRC-high,HRC-Iow, HRB)
	Raised spot anvil
	Slim raised spot anvil (for small supporting surface workpieces)
	Concave cylindrical anvil
Optional Configurations	Convex cylindrical anvil (for tubings and curved sheets)
	Anvil for testing ball (for steel ball)
	Spare magnifier

## Technical Specification

Initial Test Force	10 kgf
Total Test Force	60 kgf, 100 kgf, 150 kgf
Test Head	120°Diamond Indenter; 1/16" carbide ball
Indication Error	Complying with ISO 6508 , ASTM E18 and ASTM E110
Repeatability Error	Complying with ISO 6508, ASTM E18 and ASTM E110
Test Resolution	0.5 HR
Opening Size (iRock-1)	W x D 25*25mm
Opening Size (iRock-2)	W x D 50*50mm
Application Range	Common metal including iron and steel, Cu, Al, Ni, Ti, Pb, carburized layer and hard alloy, etc.