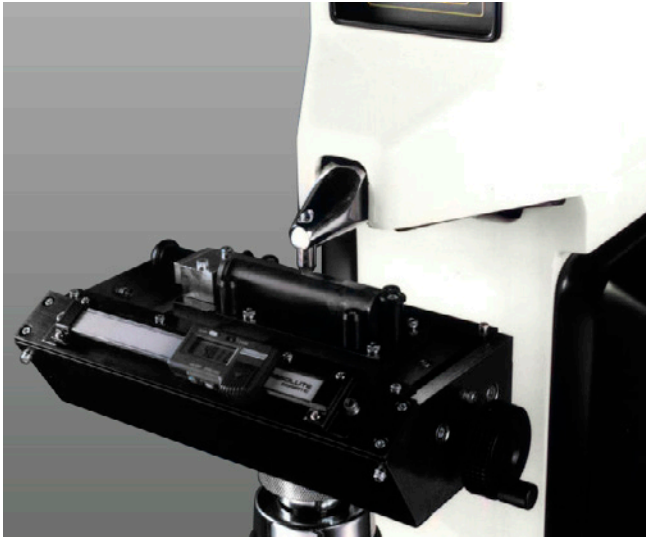


## Product Information

### Jominy Testing with ZHR Rockwell Hardness Testers



#### Range of application

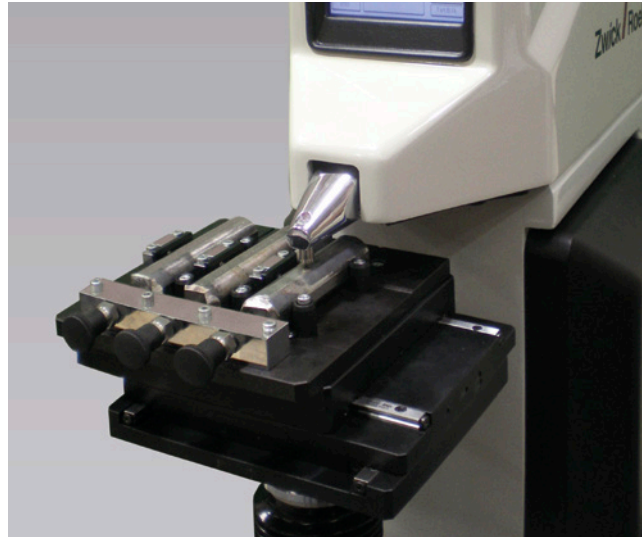
Steel manufacturers keep information regarding the hardenability and weldability of the steel they produce. A steel bar of a standard shape, a Jominy, is heated and then cooled rapidly at one end to produce a hardness profile. The hardness profile is then determined using a Rockwell tester to ISO 642 and ASTM A255.

#### Manual operation

The Jominy fixture is fixed to the tester lead screw and the Jominy fixed within Rockwell tests are then carried out at intervals according to the standard the interval being determined by either a manual or digital barrel micrometer.

#### Manual features

- Can be retro-fitted to any Indentec Rockwell Tester
- Nose mounted indenter for easy viewing
- Single specimen fixture
- Jominy support fixtures ensure alignment
- Manual (R26) or digital (R26a) micrometers



#### Automatic operation

The automatic Jominy tester has a choice of either a single or triple Jominy fixture. The test piece(s) is placed in the fixture and the pre-programmed test cycle started. A single (single specimen) or dual (triple specimen) axis motorised table automatically locates the indenter over the correct test points. The motorised lead screw raises the test piece to the indenter and the Rockwell test is carried out. On completion of the test cycle, results can be either shown on screen or downloaded via the RS232 to a PC or printer.

#### Automatic features

- Includes 4150SK Rockwell Tester or 8150SK for Rockwell and Superficial Testing
- Motorised table and lead screw
- 1 or 3 specimen fixtures
- Jominy support fixtures ensure correct alignment
- Rockwell testing to ISO 6508-2 and ASTM E18
- Automatic testing sequence to ISO 642 and ASTM A255
- Easy to create and store user defined traverses
- Nose mounted indenter
- Pre-programmed verification sequence using test blocks
- RS232 port

Tester	No. of specimens	Part number
not included	1	<b>2111165 / R26 (manual)</b>
not included	3	<b>2111166 / R26a (digital)</b>

Tester	No. of specimens	Part number
4150SK (JS1)	1	<b>2111171</b>
4150SK (JS3)	3	<b>2111172</b>
8150SK (JS1)	1	<b>2111173</b>
8150SK (JS3)	3	<b>2111174</b>