

Fowler

Rockmaster Portable Hardness Tester



Fowler's Rockmaster is a robust, superbly finished portable, digital hardness tester with direct readout, requiring minimal maintenance. An ideal tool for inspectors and quality control engineers for on-site checking, it is generally used in a vertical position but may be used in almost any direction—even on circular sections—without affecting accuracy.

Rockwell C scale is easily read on the large digital readout. Complies with American, British and German standards.

Special Features:

- Mechanically operated with an electro-mechanical readout, the instrument utilizes a series of special preloaded springs, providing a load of approximately 15kg to the indenter.
- It's virtually impossible to overload or influence readings by varying hand pressure.
- When conducting a hardness test, the springs operating against the diamond assembly are balanced against the hardness of the specimen. The harder the material under test, the more movement is effected between the diamond point and the datum face of the unit. This movement is interpreted by a specially calibrated linear displacement transducer which encodes the linear movement of the diamond and transmits it to the electronics, where the hardness value is produced as a digital readout.
- Maximum penetration of diamond into the specimen is .005"/.125mm.
- Check calibration against supplied reference block.
- Tester weighs approximately 5 lb/2.25 kg.
- For accurate readings, avoid coarse finishes on machined surfaces. Specimens to be tested must be free of rust and scales.
- Zero setting is achieved by gently depressing the hand grips until digital readout switches on. When movement ends, the reading is taken. Automatically shuts off when hand grip is released.
- Operates on a 9 volt battery (approximate life of two years). End of battery life is signalled by 'LOW-BATT' in corner of the display.
- Price includes calibrated test block, indenter key, instruction book and wood case.



Order No.	Description
54-760-777	Digital Portable Hardness Tester.
53-760-020	Optional Bench Stand.
53-760-025	Optional Magnetic Holder
53-760-061	Replacement Rockwell C Test Block, high range
53-760-062	Rockwell C Test Block, low range