

HARDNESS METER FIAT	TECHNICAL DATASHEET
The instrument is manufactured in accordance to FIAT standard and allows to determine the hardness with several measurements on a sequence of important points on a wide range of materials and items (door panels, steering wheels, dashboard supports, etc.). Hardness index is assumed as the average mm. value of pad indentation for the item under test and is processed as a difference between the total travel of pad and the average value of instrument readouts.	

Main specifications:

- Instrument supplied with a 12.8 mm. Ø indenting pad, a highly stable compression spring and a 50 mm. Ø bearing plate, packed in suitable case.
- Linear electronic transducer and four digit LCD; ON/ZERO and OFF keys; output to computer; long life SR 44 battery (about 2 year life) with low battery alarm

Technical specifications:

- Total travel of pad: 6.5 mm.
- Resolution: 0.01 mm.
- Repeatability: 0.01 mm.
- Measuring force: according to D-FIAT 50430/02 table
- Dimension: 50x30x200H
- Weight: 500 g. (approx.)

Optional accessories:

Plexiglas plate (200 mm. Ø) for hardness determinations on expanded materials

Microprocessor unit equipped with printer and processing software (statistic, graphs, etc.), along with a 2 m. cable for connecting to hardness meter

Reference standard

D-FIAT	50430/02 table
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Code	Description
11003050	FIAT Hardness meter

