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Product Name :

Vickers Hardness Tester

Product Code :

SLE/ETP/06



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Description :

Vickers Hardness Tester (Product Code: SLE/ETP/06) is an industrial instrument that performs the Vickers hardness test, used to measure the hardness of metals and other materials in materials testing laboratories, workshops and engineering colleges. An LCD display shows measured hardness results, the progress of each test and set-up information, and a serial interface sends results to a standard printer or a PC. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, among its test and measurement instruments for Indian laboratories.

Key Details

Parameter	Detail
Test method	Vickers hardness test
Display	LCD — measured hardness results, test progress and set-up information for a variety of parameters
Data output	Serial interface for printing results on a standard printer or sending data to a PC
Instrument class	Industrial instrument
Care	Used according to its instructions and given reasonable care, it maintains accurate and reliable hardness scales
Product code	SLE/ETP/06
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Vickers Hardness Tester Used For?

In the Vickers method a square-based diamond pyramid is pressed into a prepared surface under a set load. When the load is removed, the two diagonals of the square impression are measured, and the Vickers hardness number is calculated from the load and the mean diagonal. Because the indenter shape stays the same whatever the load, the method covers soft and hard materials on one scale, which makes it popular for comparing heat-treated and untreated steels, checking welds and testing thin sections.

Good results start with the sample: cut it square, grind and polish the test face flat, and support it firmly on the anvil. Use the LCD to set the test parameters and follow each test's progress, then print the results or transfer them to a PC through the serial interface so every reading goes straight into the lab record. Keep the tester clean and follow its operating instructions for routine care.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, manufactures the Vickers Hardness Tester in Ambala, Haryana, for engineering colleges, polytechnics, industrial training institutes, workshops and dealers in India and international markets. It can be quoted together with t

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