

## HV-5BZ/10BZ/30BZ/50BZ Automatic Turret Vickers Hardness Tester

### Standard Configuration

Main unit	1	Plane Test Table (big & middle)	1
10×, 20× Objective	1	V-shaped Test Table	1
Diamond Vickers Indenter	1	Power Cable	1
10× Digital Measuring Eyepiece	1	Anti-dust Cover	1
Hardness Block	2	Usage Instruction Manual	1
Screw Driver	1		



### Introduction

Vickers hardness tester is a high-tech opto mechatronics product with small screen . This device adopts unique and precise design in mechanical, optical and light source, which makes indentation imaging clearer and measurement more accurate. The new LCD display is adopted. The operation interface adopts menu structure. The hardness scale HV or HK can be selected on the operation panel. The hardness value tested can be calculated and displayed automatically. Various hardness values can be converted to each other.

### Features

- The supporting shrapnel of the machine is made of imported special customized material, which has high toughness, high fatigue resistance and is not easy to deform 4. The operation interface of the machine adopts the humanized format, the number area and function column type. The menu function classification is clear and detailed, and the lighting brightness, menu selection and objective selection all have memory function.

### Technical specification

Model	Automatic turret Vickers hardness tester	
Test Force	HV-5BZ	0.3Kgf, 0.5Kgf, 1Kgf, 2Kgf, 3Kgf, 5Kgf
	HV -10 BZ	0.3Kgf, 0.5Kgf, 1Kgf, 3Kgf, 5Kgf, 10Kgf
	HV -30 BZ	1Kgf, 3Kgf, 5Kgf, 10Kgf, 20Kgf, 30Kgf
	HV -50 BZ	1Kgf, 5Kgf, 10Kgf, 20Kgf, 30Kgf, 50Kgf
Conversion Scales	Rockwell, Superficial Rockwell, Brinell	
Min Measuring Unit	0. 5μm	
Magnification of Microscope	Observation (auxiliary measurement)100X	
Data Output	Measure 200X	
Loading Control	NO	
Net Weight	Automatically (loading, Dwell, unloading)	
Max Height of Specimen	55kg	
Power Supply	Maximum height 175mm , Center to inner wall 135mm	