

# BRINELL/ROCKWELL/VICKERS HARDNESS TESTER CODE ISH-BRV\*\*



Ø60mm flat  
anvil for Rockwell  
(included)



Ø150mm flat  
anvil for Rockwell  
(included)



Ø60mm flat anvil  
for Vickers and  
Brinell (included)



V-type anvil for  
Rockwell (included),  
for cylinders with  
diameter Ø4~60mm



V-type anvil for  
Vickers and Brinell  
(included)



small V-type anvil for  
Rockwell (optional),  
for cylinders with  
diameter Ø2~4mm



desk (optional)



projection screen with  
scale for reading  
Rockwell hardness

graduation 0.01mm

microscope for Vickers  
and Brinell 15X eyepiece

objective 2.5X/5X

slider

load/unload  
handle

stage

test force handwheel

select hardness scale

- According to ISO 6506, ISO 6507, ISO 6508

## SPECIFICATION

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Rockwell test load          | 98N preload,<br>588, 980, 1471N total load                      |
| Min. Rockwell reading       | 0.5HR                                                           |
| Brinell test load           | 306, 613, 1839N                                                 |
| Vickers test load           | 294N                                                            |
| Stage elevation             | manual                                                          |
| Load control                | manual                                                          |
| Magnification of microscope | 37.5X/75X                                                       |
| Max. workpiece height       | 180mm                                                           |
| Max. testing width          | 200mm (from the center of<br>indenter to the wall of main body) |
| Power supply                | 220V, 50/60Hz **                                                |
| Dimension                   | 546×300×767mm                                                   |
| Weight                      | 90kg                                                            |

\*\* Add “-U” on code No. when power supply is 110V, 50/60Hz

## STANDARD DELIVERY

|                                          |      |
|------------------------------------------|------|
| Main unit                                | 1 pc |
| Ø1.5875mm carbide ball indenter          | 1 pc |
| Diamond Rockwell indenter                | 1 pc |
| Ø5mm Brinell indenter                    | 1 pc |
| Ø2.5mm Brinell indenter                  | 1 pc |
| Vickers indenter                         | 1 pc |
| Ø60mm flat anvil for Rockwell            | 1 pc |
| Ø150mm flat anvil for Rockwell           | 1 pc |
| V-type anvil for Rockwell                | 1 pc |
| Ø60mm flat anvil for Vickers and Brinell | 1 pc |
| V-type anvil for Vickers and Brinell     | 1 pc |
| Hardness test block HRB88~95             | 1 pc |
| Hardness test block HRC60~65             | 1 pc |
| Hardness test block HRC20~30             | 1 pc |
| Hardness test block 400~500HV30          | 1 pc |
| Hardness test block 180~300HBW2.5/187.5  | 1 pc |
| Anti-dust cover                          | 1 pc |

## OPTIONAL ACCESSORY

|                                         |                |
|-----------------------------------------|----------------|
| Hardness test block HRB88~100           | HDT-B-HRB      |
| Hardness test block HRC60~70            | HDT-B-HRC3     |
| Hardness test block HRC20~30            | HDT-B-HRC1     |
| Hardness test block 400-500HV30         | HDT-B-HV30D    |
| Hardness test block 200-300HBW2.5/187.5 | HDT-B-HB25A2   |
| Small V-type anvil for Rockwell         | ISH-SMALLANVIL |
| Desk                                    | HDT-DESK       |