



**B.N.C.TOOLING Co.,Ltd.**

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## Vision Measuring Machine

### VH Series Vision Vicker Hardness Tester

#### **VH -50**

|             |                                           |
|-------------|-------------------------------------------|
| Model       | VH -50                                    |
| Code#       | 821-230V                                  |
| Standard    | ISO6507, ASTM E92,<br>JIS Z2244, GB/T4340 |
| Certificate | CE                                        |



### Application

- VicVision main apply in testing hardness of metal material and scientific research.
- VicVision Hardness range from soft materials to very hard materials.
- Except very thin and coated layers, can test almost the metals

### Features

VicVision is intelligentized Vickers system, adopted vision measuring technical and auto measuring indenter system, and auto output reports. There is no need to aim indentation and reading dialog line, and can avoid human error when measure dialog line, largely improve accuracy and efficiency.



## Vision Measuring Machine

### Specification

| Product Name       |                  | Vision Vicker Hardness Tester              |                                          |                                          |                                          |
|--------------------|------------------|--------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| Model              |                  | VH-5                                       | VH-10                                    | VH -30                                   | VH-50                                    |
| Code#              |                  | 821-201V                                   | 821-210V                                 | 821-220V                                 | 821-230V                                 |
| Loading Force      | N                | 2.94、4.9、9.8、19.6、24.5、29.4、49.0           | 2.94、4.9、9.8、19.6、24.5、29.4、49.0、98.0    | 4.9、9.8、19.6、24.5、29.4、49.0、98.0、196、294 | 9.8、19.6、24.5、29.4、49.0、98.0、196、294、490 |
|                    | Kgf              | 0.3、0.5、1、2、2.5、3、5                        | 0.3、0.5、1、2、2.5、3、5、10                   | 0.5、1、2、2.5、3、5、10、20、30                 | 1、2、2.5、3、5、10、20、30、50                  |
| Optic System       |                  | Observe and Measure Objectives : 10X/20X   | Observe and Measure Objectives : 10X/40X | Observe and Measure Objectives : 10X/20X | Observe and Measure Objectives : 10X/20X |
| Hardness Range     |                  | 1HV-2967HV                                 |                                          |                                          |                                          |
| Turret             |                  | Auto Rotating Turret                       |                                          |                                          |                                          |
| Loading Control    |                  | Auto loading dwell and unloading           |                                          |                                          |                                          |
| Illumination       |                  | LED / Halogen adjustable                   |                                          |                                          |                                          |
| Dwell Time         |                  | 5-60s adjustable                           |                                          |                                          |                                          |
| Measuring System   |                  | iVicky 3.0 Auto Measuring Vickers System   |                                          |                                          |                                          |
| PC System          | Operation System | Win10                                      |                                          |                                          |                                          |
|                    | Screen size      | 10.6"                                      |                                          |                                          |                                          |
|                    | CPU              | Intel I3                                   |                                          |                                          |                                          |
|                    | USB              | Double USB (could insert USB and soft dog) |                                          |                                          |                                          |
|                    | RAM              | 2GB                                        |                                          |                                          |                                          |
|                    | Hard Disc        | 32GB                                       |                                          |                                          |                                          |
| Camera             |                  | 1.3MP Pixel, 1/2"CMOS Color Camera         |                                          |                                          |                                          |
| Vertical Space     |                  | 170mm                                      |                                          |                                          |                                          |
| Horizontal Space   |                  | 130mm                                      |                                          |                                          |                                          |
| Power Supply       |                  | AC220V/50Hz; AC110V/60Hz                   |                                          |                                          |                                          |
| Tester Dimension   |                  | 530x225x630mm                              |                                          |                                          |                                          |
| Packing Dimension  |                  | 630x460x710mm                              |                                          |                                          |                                          |
| Gross / Net Weight |                  | 75Kg/55Kg                                  |                                          |                                          |                                          |
| Conform Standards  |                  | ISO6507, ASTM E92, JIS Z2244, GB/T4340     |                                          |                                          |                                          |