

## HARDNESS TESTER

### PHT-190 Portable Hardness Tester

#### Product information:

Model PHT-190 hardness tester is with in durable metal case, hardness scales are convertable among hardness units: HRB, HRC, HV, HB, HS, HL; attachable thermal mini-printer, fast on-site print; software data and upper-lower limits setting and sound alarm; large storage capacity.



#### Specifications:

|                     |  |
|---------------------|--|
| Measuring Range     | (170-960)HLD, (19-651)HB, (13-100)HRB, (17-68.5)HRC, (59-85)HRA, (80-976)HV, (30~110) HS   |
| Impact Derections   | 360 dgree  |
| Measuring materials | steel and cast steel, cold work tool steel, stainless steel, grey cast iron, nodular cast iron, cast aluminum alloys, brass(coppers-zinc alloys), Bronze(copper-aluminum alloys/copper-tin alloys),wrought copper alloys |
| Hardness scales     | Leeb, Brinell, Rockwell A,B,C, Vicker, Shore   |
| Display             | 128*64 digital matrix LCD  |
| Memory              | 500 group(32 every group)  |
| Work voltage        | 3V( 2 AA alkaline batteries)   |
| Interface port      | RS232  |
| Dimensions          | 132mm*76mm*33mm  |
| Weight              | 345g   |
| working period      | 100 hours (with backlight off)   |

#### Packing list:

| Standard |                           |          | Optional |                                 |          |
|----------|---------------------------|----------|----------|---------------------------------|----------|
| No       | Items                     | Quantity | No       | Items                           | Quantity |
| 1        | Main unit                 | 1        | 1        | Other types of cleaning brush   | 1        |
| 2        | D type impact device      | 1        | 2        | Other types of impact devices   | 6        |
| 3        | Test block with HLD value | 1        | 3        | Tool for install impact ball    | 1        |
| 4        | Cleaning brush            | 1        | 4        | Other types of support ring     | 1        |
| 5        | Instruction manual        | 1        | 5        | Other types of impact ball/body | 1        |
| 6        | Warranty card             | 1        | 6        | Mini-printer                    | 1        |
| 7        | Carrying case             | 1        |          |                                 |          |
| 8        | Batteries                 | 1        |          |                                 |          |



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