



**VICTOR 03**

**Accuracy:**  
**±0.05%**

## Technical data ( Measuring function)

| Input             | Range | Input range   | Resolution | Accuracy                    | Explanation                         |
|-------------------|-------|---------------|------------|-----------------------------|-------------------------------------|
| Resistance        | 400 Ω | 0.0~450.0 Ω   | 0.1 Ω      | ±0.05% Setting value ±0.2 Ω | Measuring current 1mA Note1         |
| Thermo-resistance | Pt100 | -200.0~850.0℃ | 0.1℃       | ±0.05% Setting value ±0.6℃  | ±1mA exciting current use Pt100-385 |
|                   | Cu50  | -50.0~150.0℃  |            |                             | Measuring current 1mA Note1.2       |
|                   |       |               |            |                             | ±1mA exciting current Note 1.2      |

## Output function

| Output            | Range | Output range  | Resolution | Accuracy                    | Explanation                         |
|-------------------|-------|---------------|------------|-----------------------------|-------------------------------------|
| Resistance        | 400 Ω | 0.0~400.0 Ω   | 0.1 Ω      | ±0.05% Setting value ±0.2 Ω | ±1mA exciting current Note 1.2      |
| Thermo-resistance | Pt100 | -200.0~850.0℃ | 0.1℃       | ±0.05% Setting value ±0.6℃  | ±1mA exciting current use Pt100-385 |
|                   | Cu50  | -50.0~150.0℃  |            |                             | Note1.2                             |
|                   |       |               |            |                             | ±1mA exciting current Note 1.2      |

## General Characters

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Power                     | 9V battery (ANSI/NEDA 1640A or IEC 6LR 619 alkaline ) or AC power adapter |
| Battery                   | Approx. 20 hours under the condition of 10mA                              |
| Max. allowable voltage    | 30V                                                                       |
| Operation temperture rang | 0~50℃                                                                     |
| Operation humidity range  | ≤80%RH                                                                    |
| Store temperature range   | ≤-10℃~50℃                                                                 |
| Store humidity range      | ≤90%RH                                                                    |
| Size                      | 200×100×40mm                                                              |
| Weight                    | 550g ( with holster)                                                      |
| Accessories               | Operation manual , test line CF-36 (probe with alligator clip)            |
| Options                   | AC adapter (VCPS), test line CF-31-A (probe clip)                         |
| Security                  | Conforms to IEC 1010                                                      |

Note:

1. Not including the accessorial lead resistance
2. The range of exciting current:0.5mA~2mA,the max.output voltage≤2V
3. Temperature coefficient: ±0.005%, range/℃(0℃-18℃,28℃-50℃)