



**DHTE2A**  
**Humidity and Temperature Meter**  
**Instruction manual**

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Name	Humidity and Temperature Meter	Ningbo jiangbei junrong electron technology Co., ltd	Frame	2006. 08. 25
Model	DHTE2A			

### 1、 Summarize

DHTE2A humidity and temperature meter is designed by Ningbo Junrong Electron, with the characteristics of stable capability, highly capability-price rate, temperature compensate, highly displaying precision, cheap price, small cubage. It is a perfect humiture testing production for electric alcohol ark, refrigeratory, breed box, dehumidifier and humidifier.

### 2、 Apply range

Electric alcohol arks, refrigeratory, breed box, dehumidifier and humidifier.  
Vocation like electron、 pharmacy、 commissariat、 storage、 baccy、 spin、 weather.

### 3、 Shape

	Model	Encapsulation	Shape
	DHTE2A	Without shell	chart

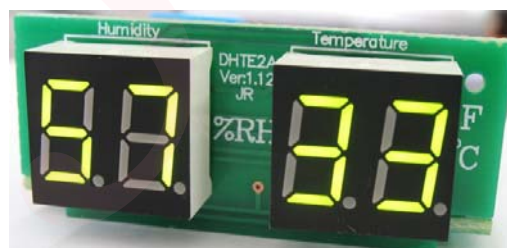
### 4、 Electric parameter

- |  |  |
|--|--|
| (1) Power supply ( Vin ):                | DC5V $\pm$ 10%   |
| (2) consume electrical current:          | 55mA (MAX 65mA)  |
| (3) Temperature operating range:         | 0~50℃  |
| (4) Humidity operating range:            | <95%RH (non-dew point)   |
| (5) Humidity measuring range:            | 30~90%RH   |
| (6) Temperature storing range:           | 0~70℃  |
| (7) Humidity storing range:              | <95%RH (non-dew point)   |
| (8) Humidity displaying accuracy:        | $\pm$ 3%RH (40%RH-70%RH, 15℃-35℃)<br>$\pm$ 5%RH (other range)          |
| (9) Temperature displaying accuracy:     | < $\pm$ 1.5℃   |
| (10) Temperature dependence (reference): | < $\pm$ 3%RH (Vin=5.00V DC, 40-80%RH<br>25℃ is benchmark, 0-50℃ range) |
| (11) voltage dependence (reference):     | $\pm$ 1%RH (at25℃, 30-90%RH<br>DC5V is benchmark, 4.50-5.50Vrange)     |

### 5、 Dimension:

Wide 47mm X tall120.5mm X thick 38mm

### 6、 Adopt two double bit 0.36 LED numeral tube to show the humidity and temperature



7、Power supply: DC  $5V \pm 10\%$  power supply connection as follows

