



# KQ-CT100

## Cleanroom Testing Equipment

In cleanroom testing, the correct sequence of tests is air volume test, air velocity test, static pressure test, high-efficiency integrity test, air cleanliness test, temperature and humidity test, noise test, illuminance test.

To meet the testing requirements of cleanrooms, our company, based on the actual situation of the customer, has specially integrated the QDF-6 digital anemometer, Dp1000-11B digital differential pressure gauge, TES-1360A temperature and humidity meter, TES-1350A sound level meter, and AR823 digital illuminance meter into a portable aluminum alloy box. It is not only convenient to carry, It is fully equipped and easy to use.



KQ-CT100 Cleanroom Testing Equipment



QDF-6  
digital anemometer



DP1000-11B  
digital differential  
pressure gauge



TES-1360A  
thermometer  
and hygrometer



TES-1350A  
sound level meter



AR823  
Digital illuminance  
meter

## Technical Specifications

| Model                | DQF-6                                |
|----------------------|--------------------------------------|
| Measurement range    | 0~30m/s                              |
| Resolution           | 0.01m/s                              |
| Measurement accuracy | ≤3% (full scale)                     |
| Response time        | ≤3s                                  |
| Display              | Four-digit display                   |
| Power                | DC 5 to 6V(rechargeable)             |
| Dimensions           | 190mm(L)x90mm(W)x40mm(H)             |
| Weight               | 380g                                 |
| Working environment  | Temperature: -10 to +40°C            |
|                      | Humidity: ≤85%RH                     |
|                      | Atmospheric pressure: 970 to 1040hPa |

| Model                                          | TES-1360A                                      |
|------------------------------------------------|------------------------------------------------|
| Humidity Settings                              | 10%~95% R.H.                                   |
| Temperature range                              | -20 °C~ +60°C (-4°F~ +140°F)                   |
| Resolution                                     | 0.1% R.H. , 0.1°C 0.1°F                        |
| Accuracy                                       | Humidity:±3%R.H. (at 25°C, 30%-95% R.H.)       |
|                                                | Temperature :±0.8°C, ±1.5°F                    |
| Low response time                              | Humidity:45% R.H.→95% R.H. < =3min,            |
|                                                | 95% R.H.→45% R.H. < =5min,                     |
|                                                | Temperature:1°C/2s                             |
| Operating and storage temperature and humidity | 0°C to 50°C < 80%R.H. -10°C to 60°C < 70% R.H. |
| Power supply                                   | 9Vbattery                                      |
| Size                                           | 270mm(L)x68mm(W)x25mm(H)                       |
| Weight                                         | 200g                                           |

| Model               | DP1000-IIIB              |
|---------------------|--------------------------|
| Applicable standard | IEC 651 Type2            |
| Pressure range      | 0±200Pa                  |
| Basic error         | ±1%F.S                   |
| Resolution          | 1Pa                      |
| Overload capacity   | ≤200%F.S                 |
| Power supply        | 2 9V stacked batteries   |
| Size                | 165mm(L)x82mm(W)x32mm(H) |
| Weight              | 230g                     |

| Model                              | TES-1350A                             |
|------------------------------------|---------------------------------------|
| Sampling time                      | user-defined (1 minute to 99 minutes) |
| Applicable standard                | IEC 651 Type2                         |
| Measurement range                  | ALO (Low) - Weighting: 35-100dB       |
|                                    | AHI (High) - Weighting: 65-130dB      |
|                                    | CLO (Low) - Weighting: 35-100dB       |
|                                    | CHI (High) - Weighting: 65-130dB      |
| Resolution                         | 0.1dB                                 |
| Frequency range                    | 31.5Hz to 8KHz                        |
| Accuracy                           | ±2dB                                  |
| Maximum Hold                       | Decay < 1dB/3min                      |
| Microphone                         | Polarized condenser microphone        |
| Operating temperature and humidity | 0°C to 40°C< 80% R. H.                |
| Storage temperature and humidity   | -10°C to 60°C< 70% R.H.               |
| Display                            | 3 1/2 digital screen display          |
| Power                              | 9Vbattery                             |
| Size                               | 240mm(L)x68mm(W)x25mm(H)              |
| Weight                             | 215g                                  |

| Model                | AR823        |                                        |                            |
|----------------------|--------------|----------------------------------------|----------------------------|
| Measurement range    | 1~50000 lux  | Response time                          | 1s                         |
| Measurement accuracy | ±3 %         | Data lock                              | Yes                        |
| Unit conversion      | lux/fc       | Battery level alert                    | Yes                        |
| Gear selection       | manual       | Overload warning                       | Yes                        |
| Repeatability        | ±2%          | Automatic shutdown                     | Yes                        |
| Sampling rate        | 1.5 time/sec | Maximum/minimum difference calculation | Yes                        |
| Resolution           | 1 lux        | Power                                  | 9Vbattery                  |
|                      |              | Dimensions                             | 151mm(L)x83mm(W)x26.5mm(H) |

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