



HD-100

1 Caution

※ Safety and Hazard Instructions

- Please read the operating manual carefully before putting the device into operation.
- We will not assume any responsibility for damage to assets or persons caused by improper handling or failure to observe the safety instructions or hazard warnings.
- For safety and licensing reasons, unauthorized conversion and/or modification of the device is not permitted.
- Do not exceed the maximum permissible current – in case of higher loads, use a contactor of adequate power. Make sure that the supplied voltage matches the values specified for the instrument.
- The device must be adequately protected from water and dust as per the application and must be accessible via the use of appropriate tools.
- The device must not be exposed to extreme temperature, sunlight, strong vibrations or high levels of humidity.
- Operation or installation is not permitted under unfavorable ambient conditions such as wetness or excessive induction loads or solenoid and dust, combustible gases, vapors or solvents, especially high-frequency noise.
- Avoid operation or installation close to high-frequency fields such as welding devices, sewing machines, wireless transmitter, radio systems, SCR controller, etc.
- Do not install the sensor cable nearby signal cable, power cable, load cable.
- Please use the shield cable when the sensor cable's lengthened, however do not make it too much longer.
- Please use the sensor cable without any cutting or flaw, blemish.
- The device is not a toy and should be kept away from children.
- Installation work must only be carried out by suitably qualified personnel who are familiar with the hazards involved and with the relevant regulations.
- You shouldn't tinker with anything or the product may not be opened or disassembled unless you know what you're doing.
- Please ask us about this questioning.

⚠ Safety

Pls use this item after installing the duplex safety device in which is applied at dangerous factors such as serious human injury or damages of property & important machine because this item is not designed as safety device.

⚠ Danger

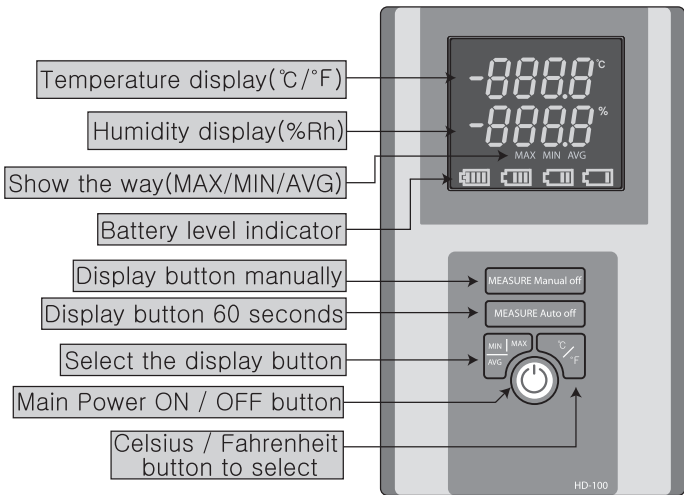
- Attention! Never work on electrical connections when the machine is switched on.

2 Specifications

Temp. range	−40.0 ~ 80.0℃
Humi. range	0.0% ~ 100.0%Rh
battery	LITHIUM POLYMER BATTERY(4.2V 1000mAh)
charger output	4.2V 600mA

3 Product appearance and name of each region

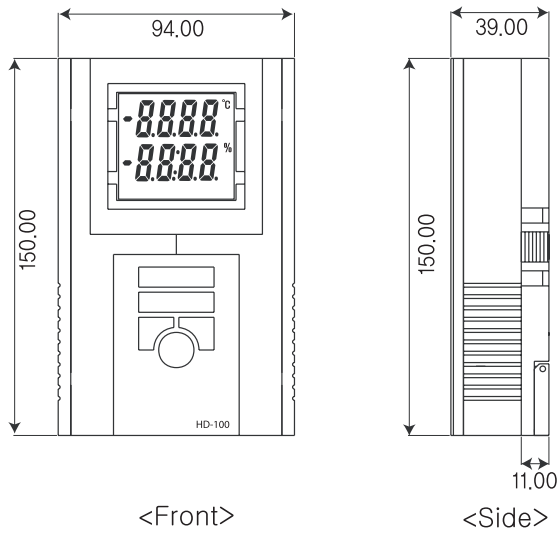
■ Name of each region



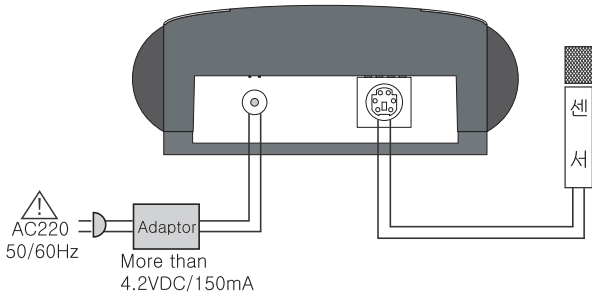
■ Key features of Operation

MEASURE Manual off	Press once to display the ON state, and once again as displayed by pressing the power saving mode turned OFF Returns.
MEASURE Auto off	60 seconds from power-saving mode displayed automatically after you click To return to the power-saving mode.
MIN MAX AVG	Measured temperature and humidity data, MAX (maximum value), MIN (minimumValue), AVG (average) can be displayed as.
℃/℉	Celsius or Fahrenheit temperature display will be displayed.
Power button	As the battery or adapter to power ON or OFF at Key button. If you do not use an extended OFF Please.

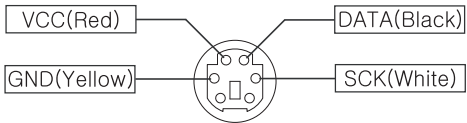
4 Product Form Factor



5 Terminal Connection Diagram



■ Sensor terminal configuration



6 A simple fault diagnosis tips

■ In Use of the product if you are displaying ERROR

- **E-1** : Memory error. Turn the power off and turn it on again.
If the error message continued, please contact our A/S for safety.
- **5-E** : Sensor error. The sensor is interrupted. Check the cable.
- **5-E** : Sensor error. The sensor is short-circuited. Check the cable.

※ This device's specification can be changed without any notification to improve its quality.

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