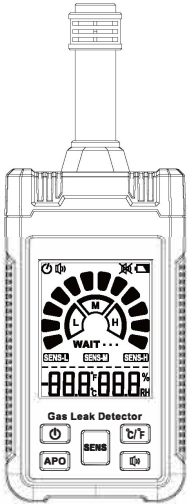
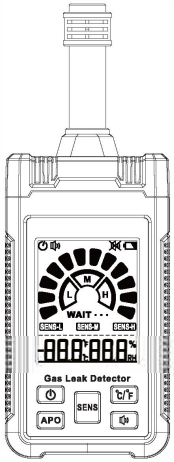
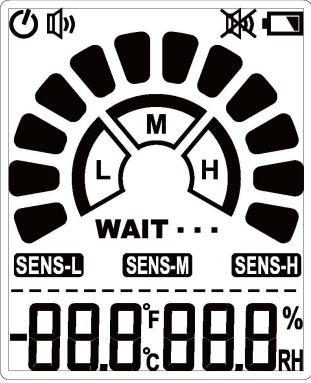


<div> <div>User manual</div> <div>Gas Leak Detector</div>  <div> <div>⚠</div> <div>Before using the instrument, please read this manual carefully, and save it well for future using.</div> </div> </div>	<div> <div>Safety Information</div> <div>Read this manual carefully, and familiarize yourself with the product before you put it to use. Keep this documentation close to hand in order to be able to consult it if required.</div> <div>Avoid Personal Injury or Equipment Damage</div> <ul style="list-style-type: none"> ● Use the measuring instrument only for the purpose for which it is intended, and within the parameters stated in the technical data ● If damage, malfunction, or incorrect displays occur, have the instrument checked. Do not use faulty instruments. ● Do not carry out measurements with the product on or near live parts. ● Do not use in closed rooms with explosive <div>1</div> </div>	<div> <div>gas mixtures.</div> <ul style="list-style-type: none"> ● Never store the product together with solvents, acids, or other corrosive substances. ● Carry out only repair and maintenance work described in the instruction manual. Observe the prescribed handling steps. ● This detector is not a safety detection device! For your personal safety, do not use it as a monitoring instrument. ● You must turn on the instrument in a clean air environment and wait for the warm-up to complete. ● Do not use the instruments in environments with over 80 %RH (condensation). ● Observe permitted storage and transport temperature as well as the permitted <div>2</div> </div>	<div> <div>operating temperature.</div> <ul style="list-style-type: none"> ● Do not use in closed rooms in which gases have collected into an explosive mixture. ● Ensure that the gas concentration does not exceed 20 % LFL (Lower flammability limit). ● Always carry out a functionality test before gas detection. ● Setting the sensitivity of the sensor in gas-contaminated surroundings lowers the alarm thresholds. <div>INTRODUCTION</div> <div>This product is a flammable gas leak detector, used for fast and reliable detection of flammable gas leakage on the gas pipeline, at the same time, the use of high-precision temperature and humidity sensors, used to</div> <div>3</div> </div>																								
<div> <div>measure the current environment relative humidity and temperature instruments; It is widely used and is an indispensable tool for every professional.</div>  <div>4</div> </div>	<div> <div>DISPLAY SCREEN</div>  <div>5</div> </div>	<div> <table border="1"> <thead> <tr> <th>Sign</th><th>Function</th><th>Sign</th><th>Function</th></tr> </thead> <tbody> <tr> <td></td><td>Auto-off</td><td>SENS-L</td><td>Low sensitivity</td></tr> <tr> <td></td><td>Buzzer on</td><td>SENS-M</td><td>Mid sensitivity</td></tr> <tr> <td></td><td>Buzzer off</td><td>SENS-H</td><td>High sensitivity</td></tr> <tr> <td>°C</td><td>Centigrade unit</td><td>RH%</td><td>Humidity unit</td></tr> <tr> <td>°F</td><td>Fahrenheit unit</td><td></td><td>Better low</td></tr> </tbody> </table> <div>6</div> </div>	Sign	Function	Sign	Function		Auto-off	SENS-L	Low sensitivity		Buzzer on	SENS-M	Mid sensitivity		Buzzer off	SENS-H	High sensitivity	°C	Centigrade unit	RH%	Humidity unit	°F	Fahrenheit unit		Better low	<div> <div>⚠ WARNING</div> <div>Must be in a clean air environment power on, and wait for the completion of preheating.</div> <div>Check the function of the gas detector before use to make sure the detector is normal.</div> <div>Operation</div> <div>1) in a clean air environment, Press the power key and hold it for more than 1 second, then turn on the instrument with a beep.</div> <div>2) Detector will start to preheat the sensor, analog bar cycle display, wait about 30 seconds, the Buzzer "Beep" twice, detector preheating completed.</div> <div>3) After preheating the detector, bring the detector to the testing environment.</div> <div>7</div> </div>
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°F	Fahrenheit unit		Better low																								

<div> <div>4) Bring the sensor head closer and closer to the test point.</div> <div>5) when the detector detects combustible gas, the number of analog strips will increase as the gas concentration increases; the buzz will increase as the gas concentration increases, and the backlight will change from green to orange and up to red as the signal increases.</div> <div>6) Press the power button and hold for more than 1 second, and the Buzzer "Beep" a shutdown.</div> <div>Sensitivity Selection</div> <div>Start up the default high sensitivity, press the key , switch to low sensitivity, and then press for medium sensitivity, the corresponding</div> <div>8</div> </div>	<div> <div>display screen.</div> <div>High sensitivity: The buzzer begins to ring in the second cell of the signal</div> <div>Medium sensitivity: The buzzer begins to ring at the fifth bar of the signal</div> <div>Low sensitivity: The buzzer begins to ring at the eighth bar of the signal</div> <div>BUZZER Alarm Control</div> <div>Press the button , turn off the buzzer alarm function, and press the button again to turn on.</div> <div>Telescopic Rod</div> <div>By stretching the telescopic rod, the measuring distance of the sensor can be increased.</div> <div>9</div> </div>	<div> <div>Selection of Temperature Units</div> <div>Press the button to switch the temperature units, degrees C or degrees F.</div> <div>Auto Power Off</div> <div>When the instrument is turned on, the symbol is displayed, and the automatic shutdown function is turned on by default. When no operation within 5 minutes, no detection signal, the instrument will automatically shut down.</div> <div>If you need to cancel the automatic shutdown function, press key , screen do not show the symbol , then cancel the automatic shutdown, press again to open.</div> <div>10</div> </div>	<div> <div>Specifications</div> <ul style="list-style-type: none"> ● Sensor: Gas-sensitive semi-conductor ● Response Range: about 50PPM~1000PPM (Methane) ● Sensitivity: > 50 PPM (methane) ● Test Gas (part list): Acetone, Acetylene, alcohol, ammonia, benzene, butane, ethanol, oxirane, gasoline, hexane, hydrogen, methane, naphtha, natural gas, paint thinners, propane, solvents, etc. ● Warm-up time: About 30 seconds ● Response Time: <=500PPM: Approx. 5sec >500PPM: Approx. 2sec ● Alarm mode: Buzzer and indicator light ● AMBIENT TEMPERATURE TESTING: <div>11</div> </div>
<div> <div>Range: -20.0°C ~ 60.0°C (-4.0°F ~ 140.0°F)</div> <div>Precision: 0.0°C ~ 45.0°C (32°F ~ 113°F) ±2.0°C / 4.0°F</div> <div>Other: ±3°C / 6.0°F</div> <div>Resolution: 0.1 / 1</div> <ul style="list-style-type: none"> ● Ambient humidity test: Range: 0.0% ~ 99.9% RH Precision: 20% ~ 80%: ±5.0% RH Other: ±6.0% RH ● Operating conditions: 0 ~ 50°C / 20 ~ 80% RH ● Storage conditions: -10 ~ 60°C / 20 ~ 80% RH ● Batteries: 3x1.5V AAA Alkaline battery <div>12</div> </div>	<div> <div>Maintenance</div> <div>Change the Battery</div> <div>When the instrument shows " " symbol, please replace the battery in time</div> <div>1) unscrew the battery cover, then unscrew the battery cover. Remove the battery from the battery compartment.</div> <div>2) Install the new battery correctly according to the positive and negative battery mark on the bottom of the battery Bin.</div> <div>3) Replace the battery cover and tighten the screws to secure it in place.</div> <div>Maintaining the Product</div> <ul style="list-style-type: none"> ● Clean the sensor head: If dirty, clean the sensor head with a soft dry cloth. <div>13</div> </div>	<div> <ul style="list-style-type: none"> ● Cleaning the housing: If dirty, clean the housing with a damp cloth (soap solution). Do not use aggressive cleaning products or solvents! <div>Warnings and safety information</div> <div>For all information on handling and use, please refer to the instruction manual or product label. Before using the products, read its contents and follow the instructions contained therein. Also read the following information before use:</div> <div>Safety of use</div> <div>1. Use measuring tools for their intended purpose. Do not use measuring tools for tasks for which they were not designed to avoid damage or erroneous measurement results.</div> <div>2. Always make sure a tool is in good working condition before using it. Damaged tools, such as cracked cases or damaged displays, can lead to incorrect measurements or risk of accidents.</div> <div>3. Calibrate measuring tools regularly to ensure accuracy and reliability of measurements. Incorrectly calibrated devices can lead to erroneous results.</div> <div>Precautions</div> <div>14</div> </div>	<div> <div>1. Use appropriate eye protection, especially when working with measuring tools that may emit radiation.</div> <div>2. Keep measuring tools away from children and untrained people to prevent accidental damage or misuse.</div> <div>3. Avoid using measuring tools in extreme conditions of temperature, humidity or in an atmosphere with a high concentration of dust, which can affect their accuracy and functionality.</div> <div>4. Be careful not to damage delicate measuring components (e.g., sensors, probes) when working with measuring tools. Safe use</div> <div>1. Always make sure that the measuring tool is properly aligned and fixed to avoid measurement errors or damage.</div> <div>2. Use measuring tools only in designated areas that provide adequate stability and minimize the risk of accidents, such as slippery or uneven surfaces.</div> <div>3. Never take measurements on live components or in conditions that may pose a safety hazard.</div> <div>Rules for use in appropriate conditions</div> <div> <div>EMC&LVD</div> <div></div> <div>CE</div> <div></div> </div> <div>15</div> </div>