INSTRUCTION MANUAL for the PORTABLE VERSION of HYDROGEN INFUSING DEVICE
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Start-up Guide

1. Detach the protection lid and the silicon plug.

2. Invert the device and attach it to a water bottle. Ensure that the correct adaptor size (22mm or 24mm) is used and securely fasten the bottle to prevent leakage.

3. Once securely fastened, invert the device with the bottle side facing up and place on a flat surface.

4. Click the button to switch it on and leave it alone for at least 3 hours before pressing the button again.

5. After these steps, follow the instructions on How to charge and How to use.

Note: This is a one-off to activate the PEM cell and does not need repeating unless it is left unused for long periods of time.

If the water chamber is found to be damp before activation, THIS IS NORMAL, this indicates that the device has been activated and tested before deployed.
Safety Instruction

Do’s
• Keep out of children’s reach.
• Ensure hands are dry when handling the charger.
• Remove the charger by applying force at the charger’s adaptor, not by tugging the cord.
• Ensure that charger is firmly attached to the portable.
• Stop using when there are abnormal circumstances like rise in temperature of the portable or change in colour.
• In the event that smoke is detected, unplug the device and contact provider for help.

Don’ts
• Do not use water temperature above 80°C.
• Do not use carbonated water.
• Do not wash the device with detergent or other chemicals.
• Do not use sockets other than AC100~240/40~60Hz.
• Do not switch device on if no water bottle is attached.
• Do not attempt to self-repair, please send the product for service if the product still does not function after following the instructions in TROUBLESHOOTING.
Components

MAIN BODY

BOTTLE ADAPTOR (22Ø, 24Ø)

MANUAL

CHARGER
# Features

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Silicone plug</td>
<td>Keeps PEM cell moist and debris-free</td>
</tr>
<tr>
<td>2</td>
<td>Bottle adaptor</td>
<td>Fits two bottle size 24mm, 22mm</td>
</tr>
<tr>
<td>3</td>
<td>PEM cell</td>
<td>Generates hydrogen bubbles</td>
</tr>
<tr>
<td>4</td>
<td>LED light</td>
<td>Shows the device's status. WHITE-normal RED-indicates the need for charging</td>
</tr>
<tr>
<td>5</td>
<td>Power button</td>
<td>Click to switch device on</td>
</tr>
<tr>
<td>6</td>
<td>Water chamber</td>
<td>Collects residue water</td>
</tr>
<tr>
<td>7</td>
<td>Basin plug</td>
<td>Uncap to drain residue water</td>
</tr>
<tr>
<td>8</td>
<td>Protection lid</td>
<td>Protects the device</td>
</tr>
<tr>
<td>9</td>
<td>Charger port</td>
<td>Connects to charger</td>
</tr>
</tbody>
</table>
How to Charge

1. Ensure device is completely dry. Place on a flat surface.

2. In the rear of the product, open charger port cover.

3. Connect the charger to the device and plug into a socket.

4. While charging, the adaptor’s LED will turn RED.
5. When charging is complete, the adaptor’s LED will turn GREEN.
6. After charging is complete, detach the charger from the device and ensure the port cover is closed.

NOTE: Device is recommended to be fully charged before first use.

LOW BATTERY WARNING: Charging is needed when LED on device turns RED.
How to Use

1. Detach the protection lid and the silicon plug and place the lid on a flat surface with the rubber side facing the surface.

2. Ensure that the device is clean before inserting bottle.

3. Turn the device and upside down and attach it to an opened water bottle. Ensure that the correct adaptor size (22mm or 24mm) is used and that the bottle is securely fastened to prevent leakage.

4. Once securely fastened, invert the device with the bottle side facing up and place on a protection lid.
5. Click the button to switch it on. The white LED will light up and hydrogen gas bubbles will be generated. It will run for 5 minutes.

6. After 5 minutes, the portable will automatically switch off. The white LED will go off to indicate a cycle’s completion.

7. Invert the bottle and detach the device from the bottle.
Maintenance

Draining water residue
1. Every two to three days or when chamber is more than half full, the water chamber needs to be emptied.

2. To empty the chamber, twist the basin plug and drain the water residue.

3. Dry the product and twist the basin plug back to close the chamber.

Cleaning the device

NEVER WASH THE PRODUCT WITH FLOWING WATER OR SOAK THE PRODUCT INTO WATER

Internal cleaning
In regions using hard water, calcium compounds might accumulate on the device. To remove, attach a bottle of RO water and leave it for 1 hour.

Removing odour
If the bottle adaptor or bottleneck is not properly kept dry and clean, there may be unpleasant smell. To remove odour, pour (60~80°C) hot water in the mouth and wait 3-5 minutes before removing water.
Keeping the product dry and clean

1. Gently wipe the device with soft towel and ensure it is dry.

2. Gently wipe the mouth of the device with soft fabric or sponge.

Storing the product

When not in use, cover the mouth of the device with silicone plug and protection lid.

Ensure the power is off when not in use

Do not store in any extremities of temperature.
# Troubleshooting

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
</table>
| The device is not working, or LED is not lighting up | • Check if device needs charging.  
• Try internal cleaning, refer page 9 |
| No gas bubbles after not using for a long time | • Attach a bottle of water and leave inverted for a few hours or overnight. |
| The device is not charging | • Check if the charger is properly connected into the port  
• Try a different power socket |

If the condition is not mentioned or all measures are taken and the device still does not work, please contact us by emailing to h2@idrogen.my

Or message our Facebook idrogen.my

Or call: +60(3) 7651 7949 or +6011 2725 4280
# Product Specification

<table>
<thead>
<tr>
<th>Model No./Product Name</th>
<th>IDP0001/IDROGEN- Hydrogen Infusing Device</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimension</strong></td>
<td>D72 x H103mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>270g (Main Body)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>10W (when operation)</td>
</tr>
<tr>
<td></td>
<td>8.4W (when charging)</td>
</tr>
<tr>
<td><strong>Durability of Battery</strong></td>
<td>Approximately 10 times (when fully charged)</td>
</tr>
<tr>
<td><strong>Charging Duration</strong></td>
<td>Approximately 1 hour 30 minutes</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>Input: 100~240V, 50/60Hz</td>
</tr>
</tbody>
</table>
Warranty Policy

A. Provisions of Warranty on Hydrogen Level (H2 ppm)
   H2 Level (Minimum)*: 1.0 ppm (2 years from date of purchase)
   *Based on standard test protocol using TRUSTLEX ENH-1000 on EVIAN water (500ml)

B. Recertification
   On the FIRST anniversary of purchase date, owner may at his own cost send unit to
   IDROGEN Sdn Bhd to certify minimum H2 production level. A certificate of compliance will be
   issued to the owner at no charge.

C. Optional Recertification
   Additional requests for recertification may be requested. Such requests are subject to an
   administration charge.

D. Warranty Exclusion
   This Warranty does not cover the following and the customer will be required to pay repair
   charge, even for defects occurring within the Warranty period referred to above.

   (a) Any defect that occurs due to mishandling (such as an operation performed that is not
       mentioned in the Instruction Manual).

   (b) Any defect that occurs due to repair, modification, cleaning, etc. performed by anyone
       other than IDROGEN or an IDROGEN authorized representative.

   (c) Any defect or damage that occurs due to transport, a fall, shock, etc. after purchase of the
       product.

   (d) Any defect or damage that occurs due to fire, earthquake, flood damage, thunderbolt, other
       natural disasters, environmental pollution and irregular voltage sources.

   (e) Any defect that occurs due to careless or improper storage (such as keeping the product
       under conditions of high temperature and humidity, improper maintenance, etc.

   (f) Any defect that occurs due to exhausted batteries after the FIRST YEAR of purchase.

   (g) Any defect that occurs due to sand, mud, etc. entering the inside of the product casing.

   (h) When the Guarantee Certificate is not returned with the product.

   (i) When any alterations whatsoever are made to the Warranty Certificate regarding the year,
       month and date of purchase, the customer's name, the dealer's name, and the serial
       number.

   (j) When proof of purchase is not presented with this Warranty Certificate.
# Warranty

<table>
<thead>
<tr>
<th>Product Name</th>
<th>IDROGEN-Hydrogen Infusing Device</th>
<th>MODEL</th>
<th>IDP0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial No.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Customer’s Name</td>
<td></td>
<td>Contact No.</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seller</td>
<td></td>
<td>Contact No.</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase Date</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Fill in details when product is purchased  
2. Service is free of charge during warranty period  
3. Bring evidence of purchase and warranty card to receive service.  

**Warranty**

The product is warrantied for the specified warranty period against defects in material and quality under normal use.

Fees can be incurred in cases where:

- Warranty card is not present and there is no evidence of purchase date.  
- Dysfunction is a result of ill-handling by customer  
- There is evidence of tampering.  
- Defect falls under any category specified in Warranty Regulations.