Automatic Multi-Function Dispenser

Automatic foam soap dispenser becomes a trend in public washrooms. The patented foam soap pump not only produces big, soft, cloudlike bubbles, but also houses innovative technology to keep the automatic foam soap dispenser free from leakage problems and leftover soap mess.

Why HK-MSD?

Specs
- Hands-free
- AC adapter available
- 800 ml soap bottle
- Battery life up to 25k uses
- Foam: one drop 0.7-1.0 ml
- Liquid: one drop 0.8-1.1 ml
- Disinfectant spray: one drop 0.8-1.1 ml

Design
- Interchangeable pump
- No leakage problem
- Security lock and key
- Refillable soap bottle
- Auto-detecting sensor
- LED indicator
- Quiet operation

Suitable for...
- Operating room
- Hospital
- Restaurant
- Shopping mall
- Postnatal care center
- Playground
- Kindergarten
- Public toilet
Liquid Soap: HK-MSD11, HK-MSD12S, HK-MSD12R

Foam Soap: HK-MSD21, HK-MSD22S, HK-MSD22R

Disinfectant Spray: HK-MSD31, HK-MSD32S, HK-MSD32R

**Model Name**  
HK-MSD11/21/31  
HK-MSD12S/22S/32S  
HK-MSD12R/22R/32R

**Cover Material**  
Stainless Steel (#304) & ABS  
Stainless Steel (#304)  
Stainless Steel (#304)

**Capacity**  
800 ml  
800 ml  
800 ml

**Battery Type**  
AA type x 4  
AA type x 4  
AA type x 4

www.hokwang.com
# Specification

<table>
<thead>
<tr>
<th>Packaging (carton)</th>
<th>HK-MSD11/21/31: 12 dispensers/carton. Gross weight 15.2kg. Measurement 2.4'</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HK-MSD12/22/32: 12 dispensers/carton. Gross weight 17.7kg. Measurement 2.4'</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Liquid type: 25k drops/cycles</td>
</tr>
<tr>
<td></td>
<td>Foam type: 25k drops/cycles</td>
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<tr>
<td></td>
<td>Disinfectant spray: 16k drops/cycles</td>
</tr>
<tr>
<td>Soap Pump Life</td>
<td>Liquid type: 100k cycles</td>
</tr>
<tr>
<td></td>
<td>Foam type: 100k cycles</td>
</tr>
<tr>
<td></td>
<td>Disinfectant spray: 100k cycles</td>
</tr>
<tr>
<td>Light Indication</td>
<td>Blue LED light flash four times for sensing range detection</td>
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<tr>
<td></td>
<td>Flashing blue light: low batteries</td>
</tr>
<tr>
<td>Safe Operation</td>
<td>Power off automatically once casing is opened.</td>
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<tr>
<td>Patented Soap Pump</td>
<td>Prevent leakage problem</td>
</tr>
<tr>
<td></td>
<td>Prevent leftover soap mess</td>
</tr>
<tr>
<td>Smart Design</td>
<td>All key parts are independent for easy maintenance.</td>
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<tr>
<td></td>
<td>Container assembly and mechanism of dispenser are 100% separation;</td>
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<tr>
<td></td>
<td>mechanism is free from damage by soap.</td>
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<tr>
<td>Safety Approvals</td>
<td><img src="image" alt="CE" /></td>
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</tbody>
</table>

Recommended Installation Height: 200 mm