HandMed
AI based Handheld X-Ray Camera
**HandMed**  Handheld X-ray Camera

Combination of Handheld X-Ray Machine & AI Analysis Solution (JLD-02K)

“Take Chest X-Ray and Get the **AI Based** Abnormality Analysis Anywhere & Anytime!"

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**How it works**

1. **Take Chest X-Ray**
2. **AI Based Analysis**
3. **Get a Report**

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- **Chest X-Ray**
- **Preprocessing**
- **Automatic Lung Finder**
- **Artificial Neural Network**
- **Abnormality lesion visualization**
- **Abnormality Scores**
HandMed Handheld X-ray Camera

AUC: 0.99
* Result from internal validation test

Accuracy | Fast Analysis | AI Based Solution | Easy to Use

Get a report Anywhere & Anytime

Detailed Features

- AI based abnormality score
- Heatmap visualization of abnormal lesion
- AI model based on the state-of-the-art Convolutional Neural Network algorithm
- Trained over 1.1 million chest x-ray data with full annotation and verification
- < 3s per scan
- Seamless PACS integration

Camera spec

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-ray Unit Input Power</td>
<td>DC 5~12V, 2.1A</td>
</tr>
<tr>
<td>Battery Charger Input Power</td>
<td>AC 100<del>240V, 50</del>60HZ, 1A</td>
</tr>
<tr>
<td>Output Power</td>
<td>120W</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 11.1V (Battery)</td>
</tr>
<tr>
<td>Tube kV/mA</td>
<td>60kV/2mA [Fixed]</td>
</tr>
<tr>
<td>Focal spot size</td>
<td>0.4mm</td>
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<tr>
<td>Weight</td>
<td>1.8kg</td>
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</tbody>
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No Internet Needed

No Electric Power Supply Needed

Analysis result report

15 different detailed abnormality scores including TB

Wireless x-ray machine like a regular camera

Easy to carry

Low output radiation

Integrated telemedicine