**OralChroma**

Halitosis Measuring Device

CHM-2

Measuring major oral gas components with high precision

OralChroma separates volatile sulfur compounds in oral breath into three major chemicals (hydrogen sulfide, methyl mercaptan, and dimethyl sulfide) and measures their concentration. This feature is greatly helpful to identify halitosis and confirms the treatment effect.

**High sensitivity and accuracy**

Realize high measurement accuracy with gas chromatograph using our original semiconductor gas sensor and small column.

**Easy operation and short measuring time**

Measurement automatically starts by simple breath injection and completes in just 4 minutes.

**Easy on patients**

Short time breath sampling with a small syringe

**Maintenance free**

Maintenance free for 2 years with a long life sensor and column

**Sophisticated data management software attached**

Visual halitosis judgment and dental management of each patient history results

http://www.fisinc.co.jp/en
# OralChroma

**Halitosis Measuring Device**

**Blue:** CHM-2-BL  
**Pink:** CHM-2-PK

## Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>OralChroma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection method</td>
<td>Simple gas chromatography</td>
</tr>
<tr>
<td>Detection gas</td>
<td>Volatile sulfur compounds</td>
</tr>
<tr>
<td></td>
<td>1. Hydrogen sulfide</td>
</tr>
<tr>
<td></td>
<td>2. Methyl mercaptan</td>
</tr>
<tr>
<td></td>
<td>3. Dimethyl sulfide</td>
</tr>
<tr>
<td>Operating temp.</td>
<td>10 to 30°C</td>
</tr>
<tr>
<td>Storage temp.</td>
<td>-20 to 60°C</td>
</tr>
<tr>
<td>Power supply</td>
<td>100 to 240V AC, 50/60Hz</td>
</tr>
<tr>
<td>Size</td>
<td>280(W) x 170(H) x 385(D) (mm)</td>
</tr>
<tr>
<td>External interface</td>
<td>USB</td>
</tr>
</tbody>
</table>

## Breath measurement view

Two real-time measuring view modes are available.
Simple mode (below): Simple bar graph display,
Chromatogram mode: Full range chromatogram display,

## Measurement history view

Treatment progress and effect can be easily understood with numerical values and graphs. This is useful to explain to patients.

## Safety precautions

- Please read the Instruction Manual very carefully before operation.
- Measuring other gases than oral gas may cause malfunction of OralChroma.
- In the interest of continued product improvement, design and specifications may be changed without prior notice.

---

**Nissha FIS, Inc.**

2-4-28 Tagawa, Yodogawa-ku, Osaka 532-0027, JAPAN  
TEL: +81-6-7176-3911  
FAX: +81-6-7176-3912  
URL: http://www.fisinc.co.jp/en