

FIS



## 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

# OralChroma

## Halitosis Measuring Device

CHM-2



PC is not included.

### Specifications

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

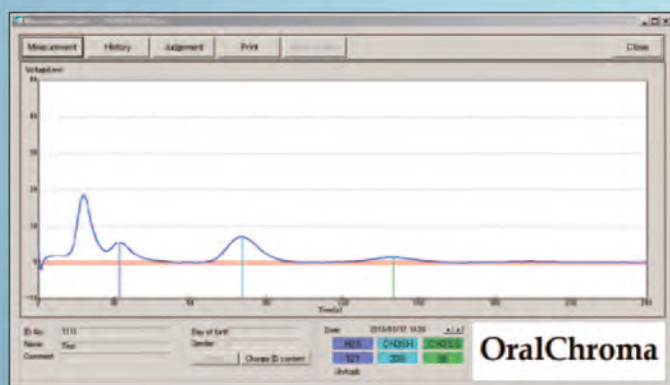
\* Windows are trademarks of Microsoft Corporation in the United States and other countries.  
 \* This product requires a personal computer.

Model	CHM-2
Sample volume	1cc
Measuring time	4 minutes
Measuring unit	ppb and ng/10ml
Sampling method	Manual sampling with a syringe
Operating humidity	80% RH or less (no condensation)
Storage humidity	20 to 90% RH (no condensation)
Power consumption	27VA
Weight	4kg
OS for attached software	Windows XP / Vista / 7 / 8

\* This product does not include a personal computer.  
 \* This product is a measuring device.

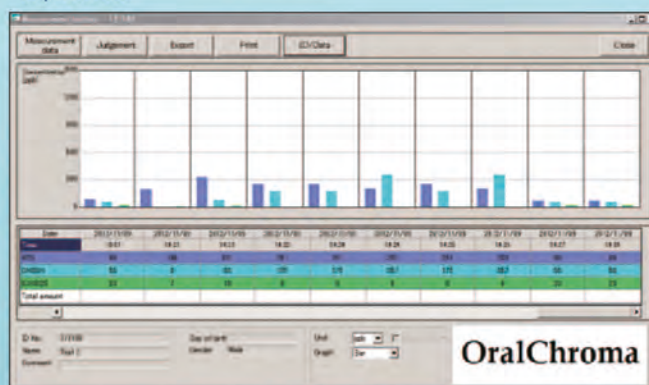
### Breath measurement view

Real-time measuring chromatogram chart enables you to identify each gas component with peak height.



### 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.



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