

# J.H ORSING AB



- *Saliva ejectors*
- *Aspirator tubes*
- *Aspirator tips*
- *Adaptors*

## ■ J.H ORSING AB



J.H.Orsing AB was founded in the 50's as Ingenjörfirman J.H.Orsing by John Harry Orsing, father of our present managing director Ernst Orsing.

Being a trained refrigeration engineer, his first invention was a deep-freeze named "Osby-Polar". This invention gave him the economic possibilities to start thinking about new inventions.

One day, in the late 50's Harry Orsing, whilst being treated by his dentist, became really tired of the unwieldy and chafing instruments he had to endure. He decided that something had to be done, went home, and started to outline what was to become one of the world's best known mouldable Saliva Ejectors - THE HYGOFORMIC. Today the outstanding qualities still make Hygoformic one of the most popular saliva ejectors in the world.

The company is still run and owned by the family and our present managing director, also engineer and inventor, follows his father's trade. Over the last years he has designed several interesting products such as the development of the aspirating tubes Hygovac and Hygovac Vent as well as the aspirator tips Hygosurge, Hygojet and Hygotip. Continuous improvements provide better products, maintained Orsing-quality and, naturally, favourable prices.

Mr Ernst Orsing has development and new construction very much at heart and our personnel constantly works with adding new products to our HYGO-Line. Large investments over the years have turned J.H.Orsing AB into a modern and rational company - ready to meet with the growing demand for the HYGO-PRODUCTS. Starting with Sweden, the Hygoformic soon spread to the other Scandinavian countries and to Europe. Today the HYGO-PRODUCTS are available throughout the world. We attend all major Dental Exhibitions and take pride in doing our outmost for customers all over the world.

To meet the demand for environmental friendly disposable products we have the past years changed the material in Hygoformic to a non-toxic and non-pollutive mixture of Polyethylene and Polypropylene. When the plastic is totally burnt all that will remain is water and carbon-dioxide. The increasing consciousness for the environment also has led to improvements in the materials used for packing of the products as well as a maximum utilization of the available space in lorries picking up goods at our plant. All to provide a better transport-economy for our customers.

In December 1995 J.H.Orsing AB received ISO 9001 certification after establishing a Quality Management System to ensure continued quality and further improvement and development.

Our production and marketing of single use dental devices in Class IIa has an EC-certificate- production quality assurance system approval certificate -, issued by SP, our notified body and are authorized to carry the CE-marking CE0402.

Our products are also registered at the FDA, U.S.A.

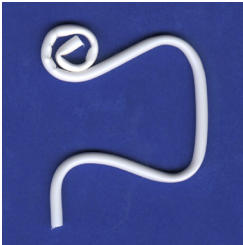
All trademarks are registered property of J.H.Orsing AB.

CE0402



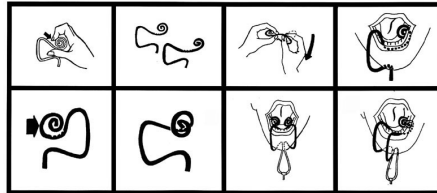
**HYGOFORMIC U**  
*The Hygoformic is the Original Mouldable Saliva Ejector with tongue holder. It is used by dentists all over the world and has been for more than 40 years.*  
 Colour: White.  
 Manufactured in PE/PP.

- Art.no. **U2000**  
Carton of 2000 pcs
- Art.no. **U2100**  
Carton of 20 x 100 pcs
- Art.no. **U1000**  
Carton of 1000 pcs



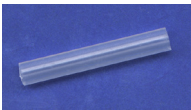
**HYGOFORMIC L**  
*Small saliva ejector for children.*  
 Colour: White.  
 Manufactured in PE/PP.

- Art.no. **L1000**  
Carton of 1000 pcs

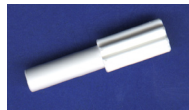


## ADAPTORS FOR HYGOFORMIC AND OTHER SALIVA EJECTORS

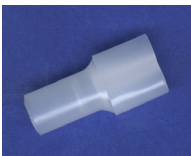
*To fit into standard ejection systems.*



- Art.no. **S100** 6,5 mm  
Soft adaptor  
Manufactured in PE  
Packet of 100 pcs



- Art.no. **H6** 6,5 mm  
Autoclavable hard adaptor  
Manufactured in PP  
Packet of 10 pcs



- Art.no. **DA10**  
Double adaptor  
Manufactured in PE  
Packet of 10 pcs



- Art.no. **H6,5** 6,5 mm  
Autoclavable hard adaptor  
Manufactured in POM  
Packet of 10 pcs



- Art.no. **H11** 11 mm  
Autoclavable hard adaptor  
Manufactured in PP  
Packet of 10 pcs

# DISPOSABLE ASPIRATOR TUBES

## HYGOVAC

*The Hygovac is the plain aspirator tube in the Hygo-family. It has one traditional 45° end and one S-shaped end for increased patient comfort. Colour: White. Length: 140 mm. Manufactured in PE.*



■ Art.no. **V2800**  
Carton of 28 x 100 pcs

■ Art.no. **V1000**  
Carton of 10 x 100 pcs

## HYGOVAC VENT

*The double-ventilated aspirator tube with one traditional 45° end and one S-shaped end. The double holes on each end strongly reduce the effect of getting stuck. Colour: White with blue stripes. Length: 140 mm. Manufactured in PE.*



■ Art.no. **V2800V**  
Carton of 28 x 100 pcs

■ Art.no. **V1000V**  
Carton of 10 x 100 pcs

## OTHER ASPIRATOR TUBES

*Plain aspirator tubes with 45° + 45° cuts. Length: 135 mm. Manufactured in PE.*

■ Art.no. **AT1000** White  
Art.no. **LB1000** Lightblue  
Art.no. **MG1000** Mintgreen  
Art.no. **OR1000** Orange  
Art.no. **PU1000** Purple  
Art.no. **BL1000** Blue  
Carton of 10 x 100 pcs



## VENTILATED ASPIRATOR TUBES

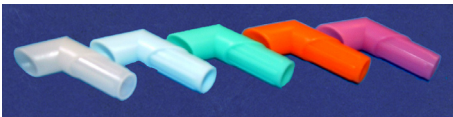
*S-shaped ends with a rectangular ventilation hole. Length: 145 mm. Manufactured in PE.*



■ Art.no. **AV1000** White  
Art.no. **AV1000LB** Lightblue  
Art.no. **AV1000MG** Mintgreen  
Art.no. **AV1000OR** Orange  
Art.no. **AV1000PU** Purple  
Art.no. **AV1000BL** Blue  
Carton of 10 x 100 pcs

## DISPOSABLE ANGLES FOR ASPIRATOR TUBE

Manufactured in PE.



■ Art.no. **A100** Opaque  
Art.no. **A100LB** Lightblue  
Art.no. **A100MG** Mintgreen  
Art.no. **A100OR** Orange  
Art.no. **A100PU** Purple  
Packet of 100 pcs

**All our aspirator tubes work very well with the different aspirator tips.  
Please note that we can provide you with aspirator tubes in any  
length, design or colour that you require!**



## ASPIRATOR TUBES

### HYGOVAC GREEN

The Hygovac Green is our plain autoclavable aspirator tube. It has one traditional 45° end and one S-shaped end for increased patient comfort. Autoclavable. Colour: Green. Length: 140 mm. Manufactured in PP.



■ Art.no. **V1000G** Carton of 10 x 100 pcs

### HYGOVAC VENT GREEN

The new double-ventilated autoclavable aspirator tube with one traditional 45° end and one S-shaped end. The double holes on each end strongly reduce the effect of getting stuck. Colour: White with green stripes. Length: 140 mm. Manufactured in PP. Autoclavable.



■ Art.no. **V25VG** Packet of 25 pcs



**To all our aspirator tubes, the tips Hygosurge, Hygojet and Hygotip will fit.**

## ASPIRATOR TIPS

### HYGOSURGE

This surgical tip has an apex of only 3,6 mm, which naturally provides increased possibilities. It is perfect to use when dealing with narrow operations, root fillings and implants. Colour: White. Autoclavable. Manufactured in PP.



■ Art.no. **HS25**  
Packet of 25 pcs

### HYGOJET

The Hygojet aspirator tip is silent to use and easy to handle. Its design enables the dentist to reach by holding back the tongue as well as the cheek. Colour: White. Autoclavable. Manufactured in PP.



■ Art.no. **HJ25**  
Packet of 25 pcs

### HYGOTIP

The Hygotip is comfortable and protective to use and thanks to its smallness, very suitable when treating children. Colour: White. Autoclavable. Manufactured in PP.



■ Art.no. **TP25**  
Packet of 25 pcs

**All the above products are autoclavable on both the long and short program. (max 140° C). To all our aspirator tubes, the tips Hygosurge, Hygojet and Hygotip will fit.**

# AUTOCLAVABLE PROGRAM



## MICROTIP

A tiny blue autoclavable tip that turns the Hygosurge and Hygosurge XL into a unique suction device for micro oral surgery and fine endodontic work.

Colour: Lightblue. Autoclavable.

Manufactured in PP.



Art.no. **MT25**

Packet of 25 pcs

## HYGOSURGE XL

Autoclavable surgical aspirator

to fit 11 mm system. Apex: 3,6 mm.

Length: 165 mm. Colour: White. Autoclavable.

Manufactured in PP.



Art.no. **HS25XL**

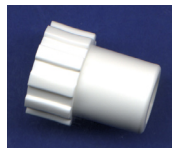
Packet of 25 pcs

## H16

Adaptor for Hygovac, other aspirator tubes and Hygosurge XL to fit 16 mm system.

Colour: White. Autoclavable.

Manufactured in PP.



Art.no. **H16**

Packet of 10 pcs

## H16XL

Adaptor for Hygovac, other aspirator tubes and Hygosurge XL to fit CATTANI 16 mm system.

Colour: White. Autoclavable.

Manufactured in POM.



Art.no. **H16XL**

Packet of 10 pcs

## H11-16

Reduction adaptor to fit 11 mm system for Hygotip XL and other aspirator tubes for 16 mm system.

Colour: White. Autoclavable.

Manufactured in POM.



Art.no. **H11-16**

Packet of 10 pcs

All the above products are autoclavable on both the long and short program.

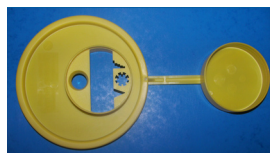
(max 140° C).

To all our aspirator tubes, the tips Hygosurge, Hygojet and Hygotip will fit.



## **SAFETY CONTAINER**

*For disposing of hazardous waste. 2200 ml.  
Manufactured in PP.*



■ Art.no. **SC25**  
Carton of 25 pcs

## **NEW PRODUCTS! NEW PRODUCTS! NEW PRODUCTS!**

### **HYGOTIP XL**

*Autoclavable aspirator to fit 16 mm system.  
Length: 145 mm. Colour: White.  
Manufactured in PP.*

■ Art.no. **TP10XL**  
Packet of 10 pcs



### **HYGOSCREEN STRAIGHT**

*Autoclavable aspirator to fit 11 mm system.  
Length: 155 mm. Colour: White.  
Manufactured in PP.*

■ Art.no. **HE25ST**  
Packet of 25 pcs



**COMING SOON!**

**COMING SOON!**

**COMING SOON!**



### **HYGOFIX**

*Prebended saliva ejector with integrated tip  
to fit 6,5 mm system.  
Colour: White. Manufactured in PP.*

■ Art.no. **HF1000**  
Carton of 1000 pcs



## Orsing Bio Line

Fossil-free products in Green PE, a bio-based polyethylene produced from sugarcane.  
For a more sustainable future.



**ORSING**





# The future of your Dental Practice

**Manufacturers of dental supplies can make a huge difference when it comes to global warming by reducing greenhouse gases in their production. As a leading manufacturer of saliva ejectors and aspirator tubes, we are widening our Bio line with new fossil-free bio products for a more sustainable future.**

In order to reduce the carbon footprint and curb global warming, it is important to reduce the use of fossil resources and the share of greenhouse gas emissions. By using bio-based material in products and packaging, the carbon dioxide level in the atmosphere will decrease, which is a significant factor for our planet and future generations.

The products are made of bio-based polyethylene. A polyethylene entirely made from sugarcane. Unlike traditional polyethylene where fossil raw materials such as oil and natural gas are used, sugarcane is completely renewable. Since plastic litter is such an enormous problem across the world, we want to make sure that the

sugarcane-plastic has a green end. Our bio-based products are burned, due to their use in dental clinics. When burned, less amount of carbon dioxide is released than was captured during the sugarcane cultivation process and the carbon footprint decrease.

When taking the necessary steps towards a more sustainable future, it is important that future plastic materials are made from renewable raw materials. In addition to the production of the completely fossil-free saliva ejectors and aspirator tubes, we are using bio-based packaging material.





**By using bio-based polyethylene, we  
reduce the level of carbon dioxide in the  
atmosphere and help save our planet for  
future generations.**



# Hygoformic® Bio

Hygoformic® is the original saliva ejector with tongue holder used by dentists all over the world since the 50's. Today made of 100% fossil-free Green PE. Single use.



- Adjustable, to fit all
- Environmentally friendly
- High capacity and tissue friendly
- Tongue holder
- Handsfree
- Adult and child size



# Hygoformic® Bio Adaptor

A more environmentally friendly version of the traditional Hygoformic soft adaptor. Partly made of fossil-free Green PE. Single use



## Hygovac® Bio

Hygovac Bio aspirator tube with dual tips, S-shaped and 45°. Available in two lengths 95 mm and 120 mm which widens the field of application. The suction capacity of Hygovac is well known. Made of 100% fossil-free Green PE. Single use.

- Environmentally friendly
- Dual tips, 45° and S-shaped
- 95 mm, when working without assistance



- Environmentally friendly
- Dual tips, 45° and S-shaped
- Ventilated, to avoid getting stuck

## Hygovac® Vent Bio

Hygovac Vent Bio aspirator tube with dual tips, S-shaped and 45°. Ventilated at both ends to help control the suction effect and make it more pleasant for the patient. Length 140 mm. Made of 100% fossil-free Green PE. Single use.







- Environmentally friendly
- High suction capacity, 16 mm
- Sturdy design, works as tongue holder
- Ventilated to avoid getting stuck

## Hygotip® XL Bio

Hygotip® XL Bio aspirator tube with a 16 mm diameter offers a high suction capacity and efficiently absorbs aerosols near the source. Its sturdy design works as a tongue holder and allows retraction of the cheek. Specially designed ventilation grooves at the connection prevent it from getting stuck to the tissue and causing discomfort for the patient.

Hygotip XL Bio is partly made of fossil-free Green PE. Single use.





- Environmentally friendly

## Bio Cup

Bio Cups are environmentally friendly dental rinsing cups made of non-toxic bamboo fibres. By replacing conventional rinsing cups in plastic with bamboo, we reduce the level of carbon dioxide in the atmosphere and help save the planet for future generations. 21 cl.

# THE ENVIRONMENTALLY CONSCIOUS WORLD OF ORSING



## **Orsing go fossil-free.**

We believe that manufacturers of dental supplies can make a significant difference when it comes to global warming by reducing greenhouse gases in their production. To reduce the carbon footprint and curb global warming, it's important to reduce our use of fossil resources and our share of greenhouse gas emissions. By using bio-based raw material in products and packaging, we reduce the level of carbon dioxide in the atmosphere, which is an important factor for our planet and future generations.

## **Therefore, we replace regular plastic with sugarcane-based PE.**

Green PE is plastic made from a sustainable raw material, where bioethanol is extracted from Brazilian sugarcane and used to create polyethylene for the production of green plastic. Polyethylene made from sugarcane has similar properties as conventional polyethylene made from fossil raw materials in terms of application and performance.

Green PE saves 80% CO<sub>2</sub> compared to ordinary plastic. This ability to reduce carbon levels in the atmosphere is higher than in any other biopolymer due to the polyethylene molecule's high absorption capacity of carbon and because of the sugarcane being used both as a raw material (sugar) and an energy source (bagasse)

## **The environmental point of view with material transport from Brazil to Sweden.**

To answer this question, we need to draw a parallel between fossil and biobased materials.

How much CO<sub>2</sub> emissions do we save by replacing 1 kg of regular plastic with Green PE?

The short answer: We save 5 kg CO<sub>2</sub>/kg plastic that we replace with bio-based material.