

BIOHIT

Innovating for Health



**Responsible Manufacturing
in Balance with Science**





Responsible Manufacturing

Biohit pays particular attention to the environmental impact of its operations. We aim to develop and manufacture products that will cause as little environmental loading as possible throughout their entire life cycles.

In 2007, we introduced a revamped environmental program. The new program aims to reduce electrical energy consumption and the amount of mixed waste generated, while simultaneously increasing energy waste recycling. All areas have experienced clear improvements.

The majority of waste is generated by our production facilities, which is why we have invested not only in recycling but also in new production technologies that generate less waste. The amount of raw materials used in relation to the amount of products manufactured has decreased notably during the last years. This is partially thanks to the acquisition of state-of-the-art production technology, which is able to make more effective use of raw materials.

Biohit complies with certified ISO 14001 environmental standards. Already at the design stage, we look into ways of reducing the hazardous substances and materials used in our products.

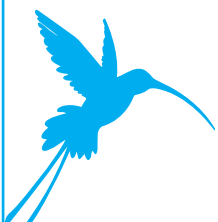
We choose materials that will load the environment as little as possible and be suitable for use in waste-to-energy facilities. For example, pipette tips and packaging are manufactured from one hundred percent recyclable

materials. The majority of the plastic used at our plants also goes for reuse. Production processes do not use hazardous substances such as paints or solvents, and are in themselves very clean.

As a manufacturer of electronic liquid dispensers and a member of SELT Association (Electrical and Electronics Equipment Producers' Entity), Biohit complies with the European WEEE and RoHS Directives. These directives seek to reduce the amount of hazardous electrical and electronic waste generated and also promote the reuse and recycling of electrical and electronic products and waste.

The use of hazardous substances in the diagnostics business is minimal. Any hazardous waste that poses a risk of infection is separately delivered to partners specialized in the processing of such waste.

Additionally, we are also seeking for environmental efficiency in our logistics functions by minimizing the amount of transportation required.



We aim to continuously improve and monitor our processes in order to fulfill both current and future demands and legislation for environmental protection and safety.

In addition to paying attention to environmental aspects, we also emphasize safety, ergonomics and ease of use in our products.



Environmental Policy and Milestones of Biohit

We are committed to our environmental policy that dictates the rules for our product development, manufacturing and logistics:

Lifecycle management

We take all aspects of the product into account from the development phase until the end of its lifetime.

Best possible manufacturing technology

We invest in state-of-the-art technology to make more effective use of raw material and generate less waste.

Recycling

We aim to only use material that can be recycled.

How We Do It in Practice

Package material is suitable for recycling as energy waste.*

Package sizes are made as small as possible in order to use less material and make logistics more efficient.

We use environmentally friendly plastics since 1994 (no cadmium).

Our pipette tips, trays and boxes are 100% recyclable

- They can be used as energy waste
- Clearly less waste is being generated from the manufacturing process thanks to state-of-the-art molding technology
- Waste material is reused in non-precision products that do not require virgin material

Our mLINE and Proline Plus mechanical pipettes are more than 90% recyclable.

In our electronic liquid handling devices we use environmentally friendly batteries since 1996 (no cadmium).

WEEE / RoHS compliant products

Electronic pipette recycling controlled by national authorities (SELT Association in Finland)

*Plastic wrapping of tip boxes is made of Polyamide-Polyethylene and can be discarded with regular waste



OFFICIAL GUIDING PRINCIPLES	SINCE
DNV certified ISO 9001 quality management system	1997
Member of The Environmental Register of Packaging PYR Ltd	1998
DNV certified ISO 14001 environmental management system	2003
Member of SELT Association (Electrical and Electronics Equipment Producers' Entity)	2005
Implementation of the WEEE (Waste Electrical and Electronic Equipment Directive 2002/96/EC) set by the European Union	2005
Implementation of the RoHS (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC) directive set by the European Union	2006
DNV certified ISO 13485 quality management system	2006 (diagnostics business in 2003)
Implementation of the Batteries and Accumulators Directive (2006/66/EC) set by the European Union. Member States will transpose the directive into national law by 26 September 2008	Autumn 2008

New Environmentally Friendly Tip Packages

Thanks to our continuous product development and investments in new manufacturing technologies, we have managed to create products that not only are of outstanding quality but also cause as little environmental loading as possible.

Our latest pipette tip products form a complete Refill System that maximizes the use of material and generates less waste. Boxes may be reused and filled with tips from convenient refill packages. All material used is recyclable.

New, Autoclavable Tip Boxes

- The rigid and strong polypropylene boxes and trays are fully autoclavable and can be reused together with refill or bulk tips.
- Tips are also made of virgin polypropylene
- Material used in tips, trays and boxes is 100% recyclable.

The Economic and Ecologic Refill System

- The new Refill System from Biohit is completely recyclable.
- The tip trays are easily transferred from a space-saving tower or refill pack to the autoclavable tip boxes.
- Refill packages generate less waste for the labs.
- Material used is completely recyclable.
- The Refill System range covers the five most popular tip sizes.

Bulk Tips

Bulk tips are available in boxes complying with the same material and quality requirements as any other tips manufactured by Biohit.

Previously

Non-reusable boxes and bulk tips



Now

Material used is recyclable.



About Biohit

Biohit develops, manufactures and markets liquid handling products and diagnostic test systems for use in research, health care and industrial laboratories.

Liquid handling products include electronic and mechanical pipettes and dispensers, and disposable tips, as well as pipette maintenance and calibration services. Diagnostics business comprises products and analysis systems for diagnosing, screening and prevention of gastrointestinal diseases.

Biohit corporate headquarters is located in Finland. Biohit has subsidiaries in France, Germany, the UK, Russia, China, Japan and the USA. Additionally, Biohit's products are sold by approximately 450 distributors in 70 countries.

Read more at www.biohit.com