



# We care for our environment

Our contribution to reducing waste and CO<sub>2</sub>

BRAND. For lab. For life.®

- + Resource-saving production
- + Long-lasting and maintenance-friendly products
- + Recycling with a system











# Our contribution to the environment

## Objective and goals – for our customers and our environment

Our objective is to make laboratory work simple, easy, and efficient by providing innovative products and perfect quality. In doing so, we never lose sight of protecting our environment during the production and use of our products.

We focus on saving as many resources as possible in production (**Reduce**) by designing our products to be long-lasting and maintenance-friendly (**Reuse**) and sensibly utilizing waste that we cannot avoid (**Recycle**).



Our factory in Wertheim





# Reduce – Reuse – Recycle

## Reduce – resource-saving production

At BRAND, intelligent resource management is not just a catchphrase; it is a certified part of our company guidelines. Our environmental management system has been certified according to DIN EN ISO 14001 since 1998. Therefore, we are committed to continuously optimizing our environmental performance. In addition, our energy management system has also been certified according to DIN EN ISO 50001 since 2015. This makes us one of the pioneers in our industry for the intelligent use of energy.

Here are a few examples of the environmentally conscious practices at BRAND:

- + BRAND uses 100 % renewable energy from certified hydroelectric power plants. With the Wertheim public utility company, we have found a regional partner to help us achieve this. We produce some of our own electricity as a by-product of the heat generated in our combined heat and power unit. This is an efficient use of energy (more on this on page 7).
- + To prevent unnecessary packaging, we try as much as possible to have our production materials delivered in reusable packages, which are then returned to the supplier and refilled multiple times. To prevent long transport routes, we work with regional suppliers to procure many of our production materials.
- + Our pipette tips also demonstrate how we are working to increase the resource efficiency of consumables. We developed a production method that allows us to manufacture our tips in an especially thin-walled design, which in turn saves materials. With the TipRack refilling system, we have also reduced the amount of waste by more than 20 % when compared with the TipBox.

20 %  
less waste



Combined heat and power unit



Reusable packaging for production materials



Production of thin-walled pipette tips



TipRack refilling system for pipette tips



## Reuse – long-lasting and maintenance-friendly products

Using high-quality products as long as possible directly contributes to environmental protection, as we prevent the consumption of resources which are needed for the production of new products.

- + Quality and longevity have always been a characteristic feature of BRAND liquid handling instruments. In many laboratories, our Dispensette® S bottle-top dispensers have been in use for a decade or longer – the high-quality materials of the parts, which are in contact with media and crucial to the function of the instruments, make this possible.
- + Even in the case of life science consumables, there are ways to use products multiple times. Our solid TipBoxes can, of course, be refilled with pipette tips over and over again and they can be autoclaved multiple times at 121 °C.

- + The micropipette Transferpette® S demonstrates how we contribute to the long service life of instruments through simple maintenance and repair. On single-channel pipettes, the ejector and shaft can be removed and cleaned in a few seconds. Due to their patented design, the individual shafts of multi-channel instruments are also easy to unscrew, making them simple to clean and replace.



High-quality materials ensure long service life



The TipBox can be reused, and autoclaved multiple times



Easy maintenance thanks to patented technology



Individually exchangeable shafts on the Transferpette® S-8 and -12



Much of our packaging consists of more than 90% recycled material

## Recycle – recycling with a system

A lot of our packaging has already been recognized by our customers as “sustainable packaging”.

- + For much of our product packaging, we use cardboard with a recycling rate of around 90 % and we are working to become even more environmentally friendly in this area.
- + With the TipBoxes of our pipette tips, our customers can also contribute to recycling valuable resources. The entire TipBox is made of pure polypropylene and is completely recyclable. This also applies to the corresponding TipRack refill system, which is made of polyethylene.

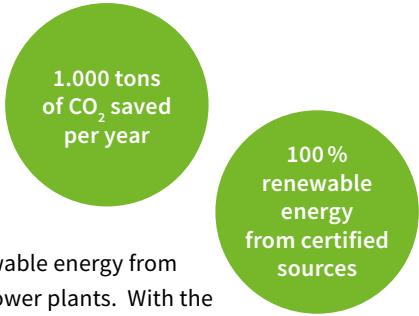


TipBox





# Working together to protect the environment



Besides the measures outlined, there are a number of other small-scale activities that we engage in to contribute to environmental protection.

We provide our employees with a water dispenser and reusable water bottles at no charge and thus do our part to prevent plastic waste by not using PET bottles. We have also planted a flower meadow for bees and butterflies on part of the business premises.

BRAND uses 100 % renewable energy from certified hydroelectric power plants. With the Wertheim public utility company, we have found a regional partner to help us achieve this. This saves 1,000 tons of CO<sub>2</sub> per year compared with 2019. The other companies in the Brand Group also rely to clean energy from renewable sources. Our CO<sub>2</sub> numbers are impressive: by saving energy, switching to our new combined heat and power unit and using green energy, we will cut our CO<sub>2</sub> emissions in half in 2021 compared to 2019.

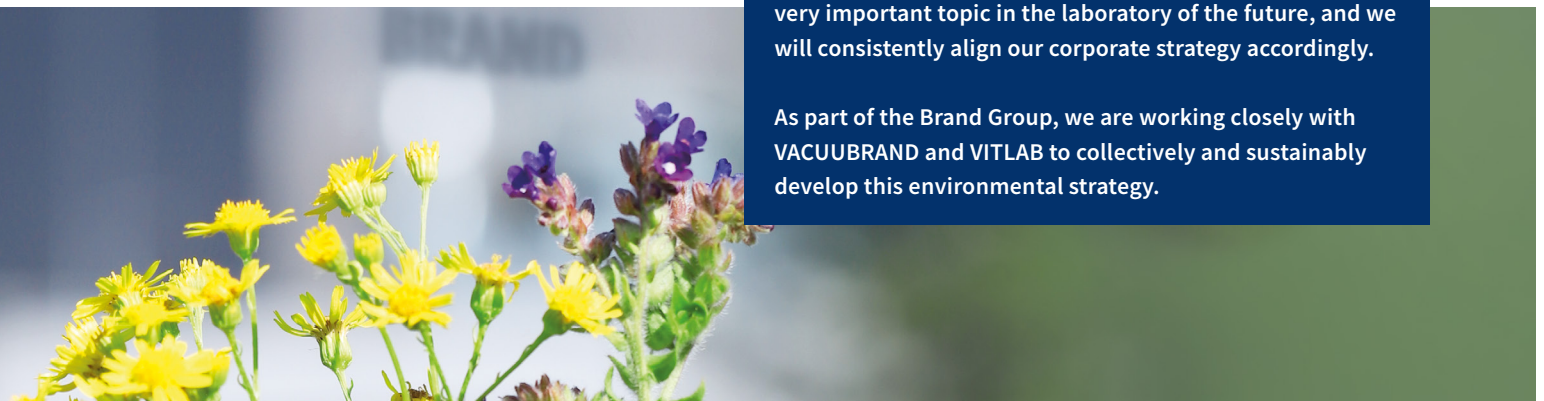


Why are flower meadows so important? Honeybees and bumblebees find delicious nectar here, and small mammals and reptiles can find seclusion. The photo in the middle shows Felix Weber from the "Weber Garden Center" planting a flower meadow on BRAND company grounds.

Free water dispenser and reusable bottles to prevent plastic waste

We are convinced that environmental protection will be a very important topic in the laboratory of the future, and we will consistently align our corporate strategy accordingly.

As part of the Brand Group, we are working closely with VACUUBRAND and VITLAB to collectively and sustainably develop this environmental strategy.



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