BERNER SealSafe®

Safe sealing
of toxic and infectious waste



NEW:
Now also
with sensor-
operation

BERNER

safety systems
made in Germany

Foto: © istockphoto.com / Stéphane Mosse

You can rely on Berner International for proven safety

The handling of infectious and toxic waste is regulated by European and national law (please also check your local regulations). Our BERNER SealSafe® guarantees the highest possible standard when dealing with contaminated substances and shrink-wraps aerosol- and liquid-tight. This leads to an overall improvement of the safety of all employees in the laboratories.

Laboratory waste: „Collection in waste containers“

- Infectious or toxic aerosols can be generated or released by frequent opening and closing of waste containers
- Risk of cross-contamination of infectious and toxic agents (by lifting of the lid)
- Risk of cross-contamination (e.g. due to contaminated packaing material)

The consequence

- Open waste containers should be avoided
- Collection of waste in zip bags is unsafe



Visualisation of air currents when opening and closing waste containers

The European waste regulations are based on strict laws – with clearly defined legal jurisdiction

Waste Management Act Hierarchy	
EU-Law	2006/12/EC
Federal Law	Closed Substance & Waste Management Act
National Law	Waste Management Act of the federal states
Local bye laws of the public waste disposal authority	

European waste code in accordance to the LAGA directive (based on the coding of the EAK 6-digit waste code: The first two digits define the origin, the third and fourth the waste group.

Excerpt: wastes from natal care, diagnosis, treatment or prevention of disease in humans		
Current waste code	**Description**	**Original code**
18.01.01	sharps (except 18 01 03*)	B
18.01.02	body parts and organs including blood bags and blood preserves (except 18 01 03*)	E
18.01.03*	wastes whose collection and disposal is subject to special requirements in order to prevent infection	C
18.01.04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)	B
18.01.06*	chemicals consisting of or containing dangerous substances	D
18.01.07	chemicals other than those mentioned in 18 01 06*	D
18.01.08*	cytotoxic and cytostatic medicines	D
18.01.09	medicines other than those mentioned in 18 01 08*	D
18.01.10	amalgam waste from dental care	D
* Hazardous waste		

BERNER SealSafe® & BERNER SealSafe® Sensor+

The BERNER SealSafe® waste sealing units are for the reception and aerosol-tight sealing of infectious or toxic waste and thereby increase the safety at work within the laboratory.

Your advantages

- Type-tested and certificated (German TÜV-GS-Certificate)
- Shrink-wrapping section by section with automatic foil transport
- Special foil tube with high protection barrier against CMR-medical drugs, chemicals and infectious substances (e.g. > 7 days breakthrough time for Carmustine)
- Individual bag length
- Made in Germany

The tried & tested: BERNER SealSafe®

- Operation using foot switch
- Multiple adjustable base frame
- Large easy access opening
- Cable-based



The innovative: BERNER SealSafe® Sensor+

- Sealing & foil transport sensor-controlled
- Automatic foil cutting
- Slim-line design, only 970 mm high
- Touchless shrink-wrapping
- Battery operated – for more flexibility
- Can be built into walls or tables on request
- Individual bag length
- Stainless steel base frame

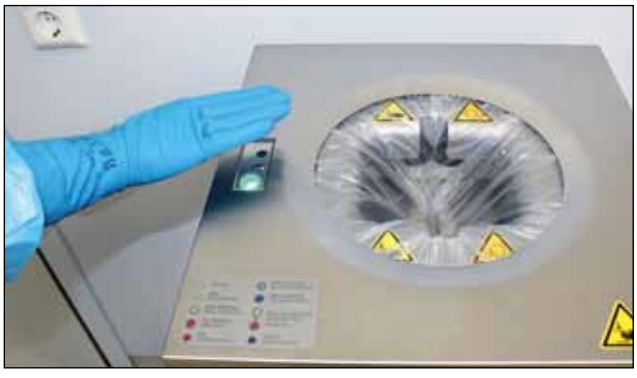


Even more safety: BERNER SealSafe® Sensor+

- Touchless shrink-wrapping
- Battery operation – for further flexilibity
- Wall or table installation possible on request



Practical wall mounting of the BERNER SealSafe® Sensor+



Via the sensor, sealing, foil transport and cutting are activated without the need for touching the appliance.

Technical Data

Order no.	BERNER SealSafe® 052000	BERNER SealSafe® Sensor+ 058000
Certificate	TÜV GS-Certificate	
Construction type	DIN EN 61010-1	
Manufacture	DIN EN ISO 9001:2008	
Casing	Stainless steel V2 A	
Rated voltage	230 V/50 Hz	
Battery voltage	–	6 V / 3,4 A h
Capacity	130 VA	15 VA
Protection class / type	I / IP20	
Dimensions in mm (W/D/H)	476/541/865-1085	420/420/970
Foil bag	Polyethylene (special mix) approx. 27 µm	
Permeation rate for e.g. carmustine	7 days	
Length of bag	automatic	individual
Cutting	no	yes
Activation of sealing process	Foot switch	Sensor
Wall or table installation	no	optional
Weight	32 kg	22 kg

Waste container not included.
Contact your local waste disposal company.



Foil tube – suitable for both appliances			
Material	**Thickness**	**Width**	**Length**
Polyethylene	approx. 27 µm	approx. 570 mm	approx. 32 m per foil tube

Types	PU	Order Number
Sterile	**3 Pieces**	**1001**
Non-sterile	**5 Pieces**	**1000**

Berner International – for your safety

- Cytostatic safety cabinets
- Cytotoxic gloveboxes
- Microbiological safety cabinets
- Waste sealing units
- Protective gloves
- Protective equipment
- Respirator masks
- Safety goggles
- Work mats
- Emergency-sets (Spillkits)
- Cleaning wipes & -pads
- Withdrawal cannulae (Chemospikes)
- Light protection pouches
- Cytotoxic wipe sampling sets

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Subject to technical changes! Several illustrations contain optional extras and features not supplied as standard.