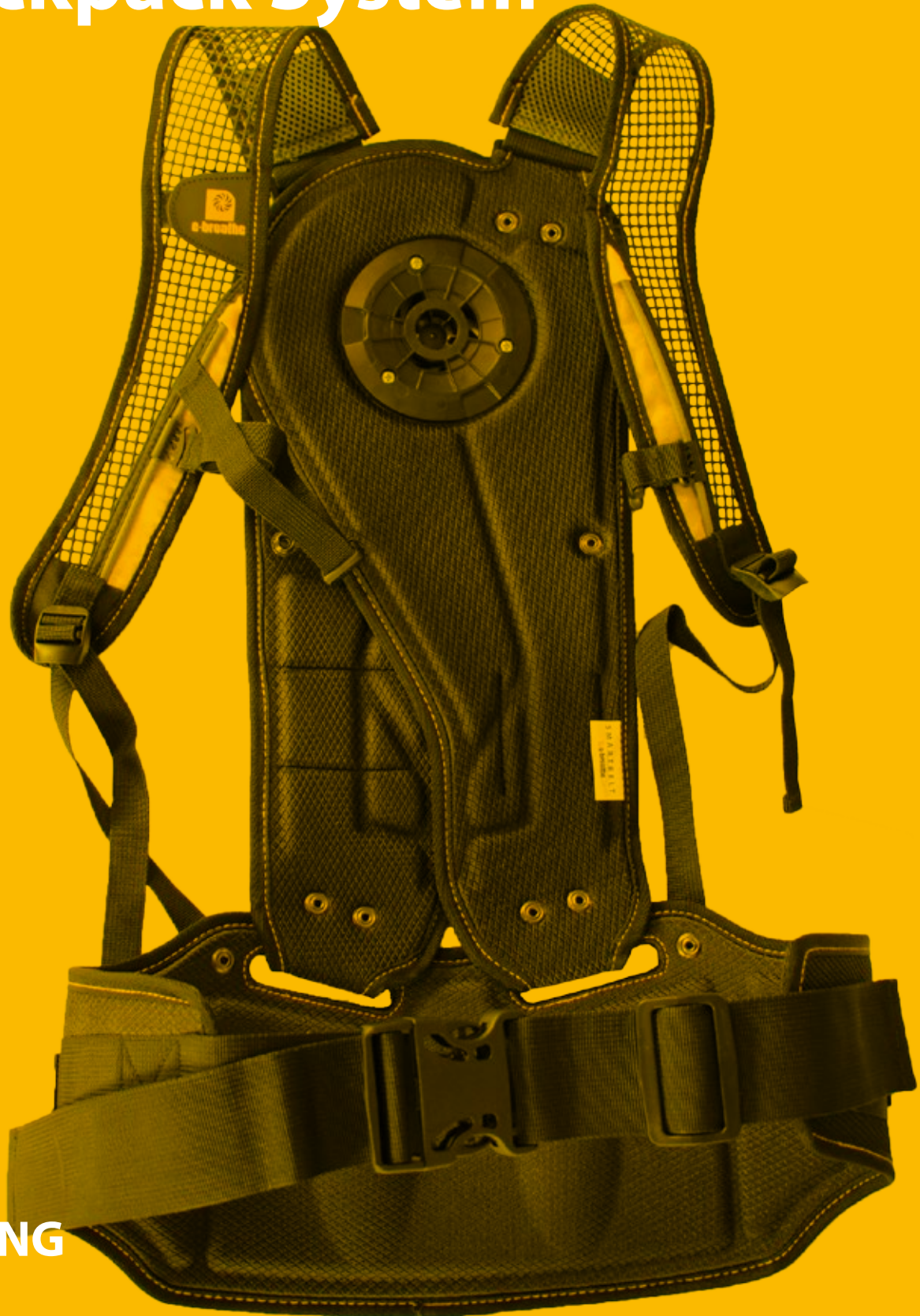


 **e-breathe**

SMARTBELT

Backpack System



ENG

Smartbelt Backpack System

optimal adaptability - modular construction

The Smartbelt is a backpack system that can be optimally adapted to the individual needs of the user. The system distinguishes itself through a modular construction. This enables the highest flexibility for the user. The modules can be combined depending on the specific purpose and thus, offer six different wearing options. Thanks to the safety buttons, the assembly of the modules is possible without any tools. This makes the assembling easier for the user and saves time.

maximum comfort

The centrepiece of the carrying system is the so-called wings in connection with the innovative PM bayonet joint. Thereby, the locking system takes over a double function as swivel joint for the wings and, at the same time, as connecting element for the Y-Connector. Due to the central and, in every combination, symmetric position, the swivel joint ensures a constantly balanced weight distribution.

The shape of the back cushion as well as the breathable functional foam provides a continuous ventilation of the back. Therefore, warm air and humidity are removed more efficiently. The honeycomb structure enables also during longer application times a safe grip and pleasant wearing comfort.

Product features:

- quick inclusion of the Smartblower
- highest wearing comfort
- optimal and ergonomic weight distribution
- 6 different wearing positions
- quick and easy assembly/disassembly
- highest freedom of movement



Smartbelt Backpack System

Backpack-frame

The straps are made out of breathable material and are adjustable in size.



Bayonet locking

Attachment for Y-Connector and swivel joint to adjust the Smartbelt.



Back cushion

Ensures a small contact area and maximum air circulation.



Y-Connector

Is used for 2 filter operation of the Smartblower PAPR.

SVE (Battery) Strap

Holder for SVE (Battery):

- horizontal hip position
- vertical backpack position







Safety press-studs

Enables easy adjustment of various wearing positions.

Blower-holder

Fast and safe attachment of the blower unit.



Starter Set's		
Article name	Art.-No.	Picture
Smartbelt Backpack System Consists of: Wings, Backpack-frame, Buckle-strap, Comfort-belt Pro	322003002	
Smartbelt Backpack Consists of: Wings, Backpack-frame	322003008	
Smartbelt hip belt Consists of: Wings, Buckle-strap	322003009	
Comfort belt Pro Compatible with: GurtClip; PM Proflow SC; e-breathe e-Flow	322003003	

Y-Connector

322003000

The Y-Connector is needed for the two-filter operation with the Smartblower. Therefore, the resistance, with which the filter meets the Smartblower, is lowered and the air volume can be optimized. At the same time, the capacity of the filter is doubled and thus the service life of the system as well.

Y-Connector



Components		
Article name	Art.-No.	Picture
Smartbelt wings The centrepieces of the system are the wings including the bayonet locking for the Y-Connector and the swivel joint. The bayonet locking is a safe attachment for the Y-Connector and enables a balanced weight distribution.	322003005	
Smartbelt backpack-frame The anatomical shape of the shoulder straps is universally adjustable to any size. Due to the breathable air-mesh material, heat is dissipated and a high wearing comfort is guaranteed.	322003004	
Smartbelt buckle-strap The buckle-strap is necessary for the Smartbelt hip belt. For this, the wings are turned into a horizontal position. The safety press-studs are opened and the strap is threaded.	322003006	
Smartbelt belt extension An additional belt extension is available optionally.	322003010	
Smartbelt bag	322003013	

Smartbelt Backpack System components:

wings



Backpack-frame



Comfort Belt



Smartbelt

Wearing combinations

Smartbelt Backpack components:

Wings



Backpack-frame



Smartbelt Hip belt components:

Wings



Buckle-strap



Smartbelt Comfort belt

Comfort belt



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