

## Installation of pressure control panels of the BM and BE series



### Note!

It is imperative that you also heed the respective instructions for use putting the equipment into operation.



### Important!

Before installing the individual components, check that the connection thread and the connection gaskets (where fitted) are in perfect condition.



#### Step 1:

Attach the basic profile of the pressure control panel to the wall using suitable screws and dowels.

The vertical distance between the centre of the basic profile and the central axis of the cylinder valve connection thread is approx. 220 mm.  
→ Note the sticker "Top – Oben," which is attached to the inside of the basic profile and shows the correct mounting direction for the base-plate.



#### Step 2:

Now slide the plate with the attached fittings into the upper groove from below.



#### Step 3:

Now press the fitting plate against the basic profile and carefully slide it into the lower groove.



#### Step 4:

Secure the fitting plate in position by tightening the stud screw.

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### Step 5:

Insert the plastic side sections into the basic profile.



### Step 6:

Now attach the cylinder bracket to the wall at approximately 2/3 of the cylinder height and in centred position beneath the process gas valves. Place the cylinders in front of the brackets and secure them with the chain provided.



### Step 7:

Connect the pigtails. Proceed as described in the instructions for use for the respective pigtail.

The compression fitting of Spectron pigtails is pre-installed at the factory. Insert the end of the pipe with the union nut into the thread fitting of the process gas valve as far as the stop.

Hand-tighten the union nut and then tighten by approximately one-eighth of a turn with a matching wrench. To do this, hold the thread fitting with a second wrench.



### Step 8:

Where toxic or combustible gases are used, it must be ensured that purge and venting gases are routed off safely.

For example, the corresponding lines can be connected to the waste gas valve of the pressure control panel and the relief valve of the pressure regulator via compression fittings.

The following applies to the Spectron compression fittings provided: insert pipes into the screw connection as far as the stop and tighten the union nut by 1 ¼ turns.



### Important!

All connection points must be leak-tested with inert gas before putting the equipment into operation!