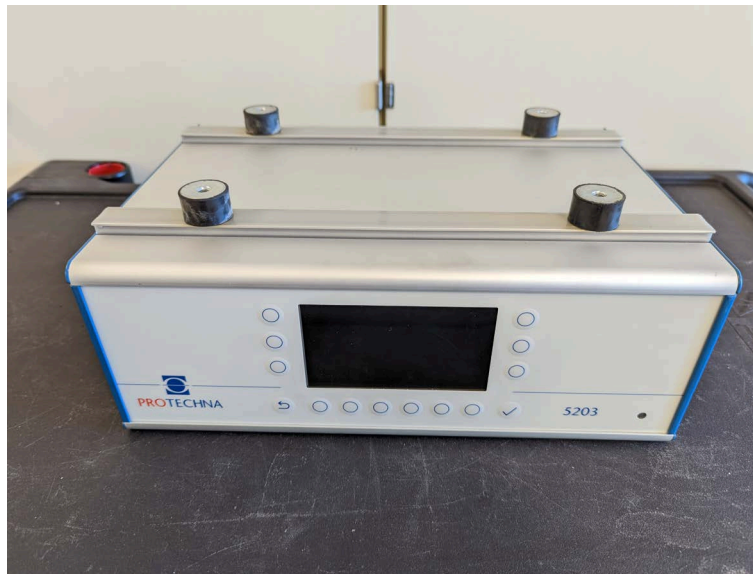




## Mounting instructions BG Display

**LASERSTOP** 4180  
**CAMSCAN** 5203

**for warp knitting and weaving machines**



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# 1 Safety instructions

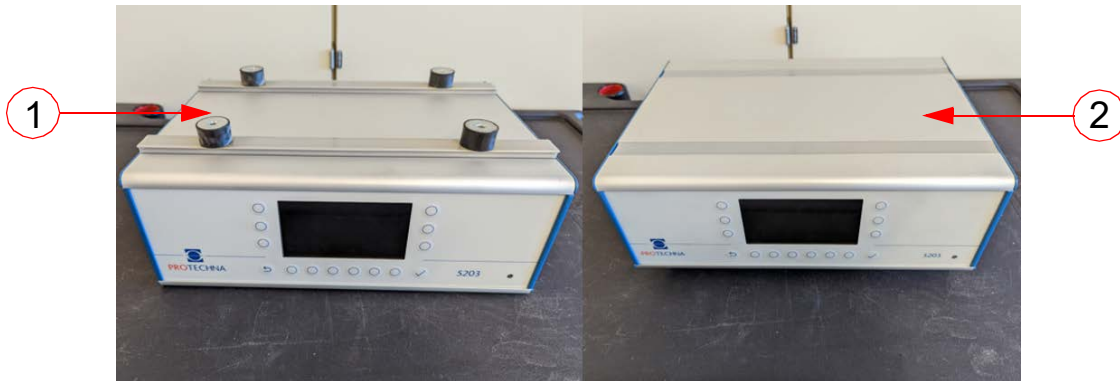
- Always follow all warnings and information that is attached to the device itself or included in this manual.
- This device is sensitive to electrostatic discharge, which may cause damage to the interior of the device or affect its normal operation. Please observe the required precautions when handling components liable to damage through electrostatic discharge.
- The device must be always disconnected from the power supply before cleaning or forremoving or installing an option.
- Do not use any liquid detergents or cleaning sprays for cleaning, but only a damp cloth.
- Never operate the device in locations where there is a risk of water or other liquids entering the device.
- The installation location for the device should be sufficiently stable, as the device can be severely damaged by significant vibrations, e.g. falling down.
- You must make sure that the power supply voltage values specified for the device are observed.
- Never try to insert objects into openings on the device, as short circuits or electric shock can be caused by the voltage present inside the device.
- You should never try to repair the device yourself, with the exception of the actions expressly stated in the manual. Otherwise, you risk touching parts that are under high voltage.
- The installation work must only be carried out by PROTECHNA technicians or mechanics and electricians.



**Electrical connection must only be performed by qualified personnel. Before electrical connection, it must be ensured that there is no risk of coming into contact with live parts.**

## 2 Demounting the display

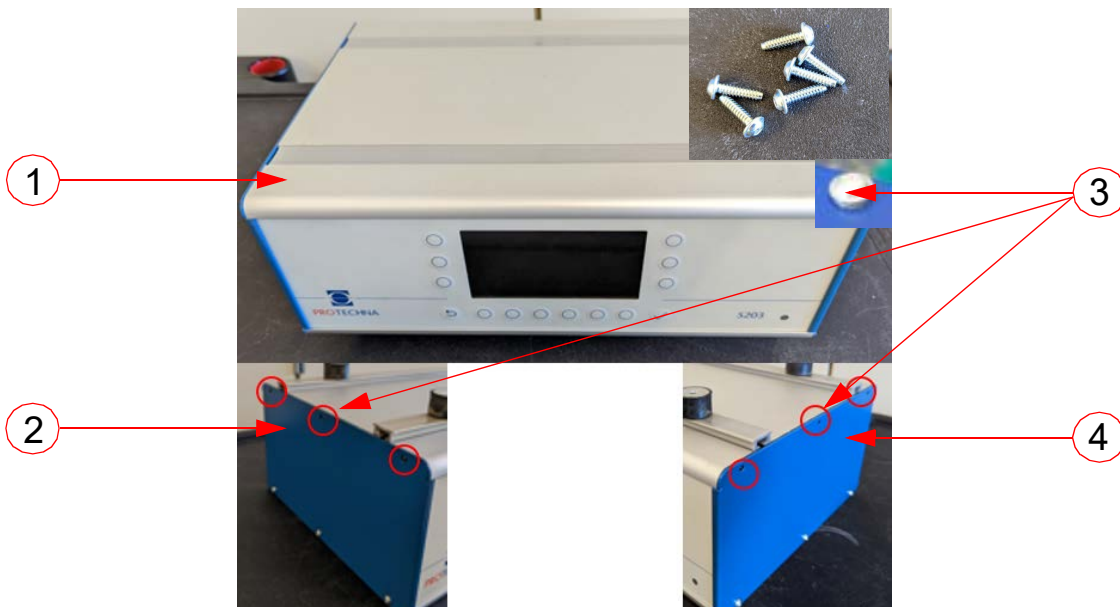
### 2.1 Different designs of control units



The control unit is available in two different designs.

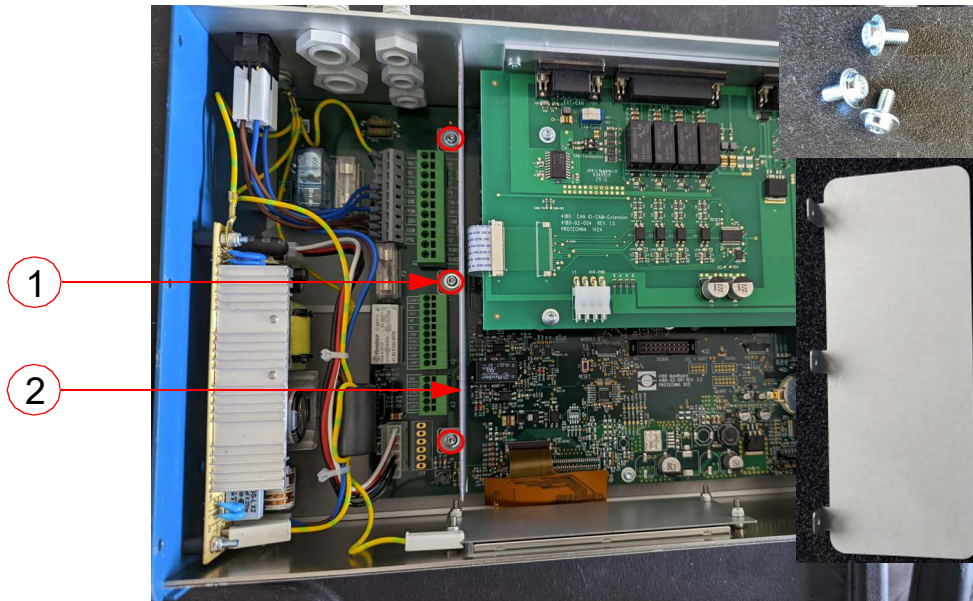
- Control unit 5203 with mounting on housing shape cover (1)
- Control unit 5203 and 4180 with mounting on control unit base (2)

### 2.2 Demounting the housing shape cover



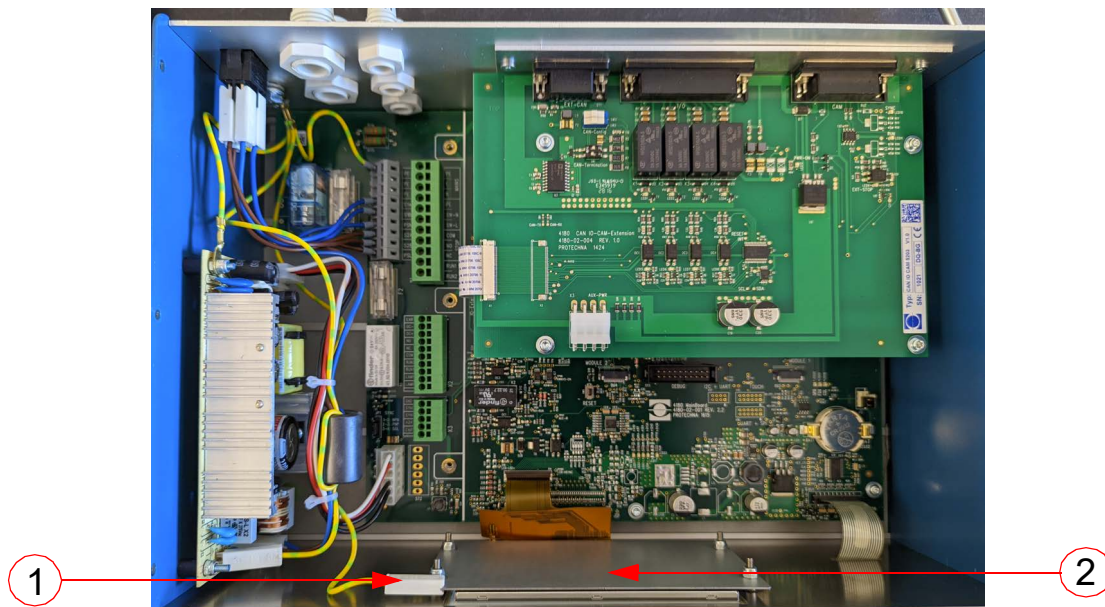
Loosen the three upper screws (13438) (2) of the side panel left (13450) and the three upper screws (13438) (4) of the side panel right (13451) of the control unit. Attention: middle screw is fixed with a contact washer M3 (11618) (3). Subsequently, the housing shape cover (13461) (1) can be removed from the control unit.

### 2.3 Demounting the separation panel housing



Then loosen the three screws (13429) (1) to remove the separation panel housing (13460) (2).

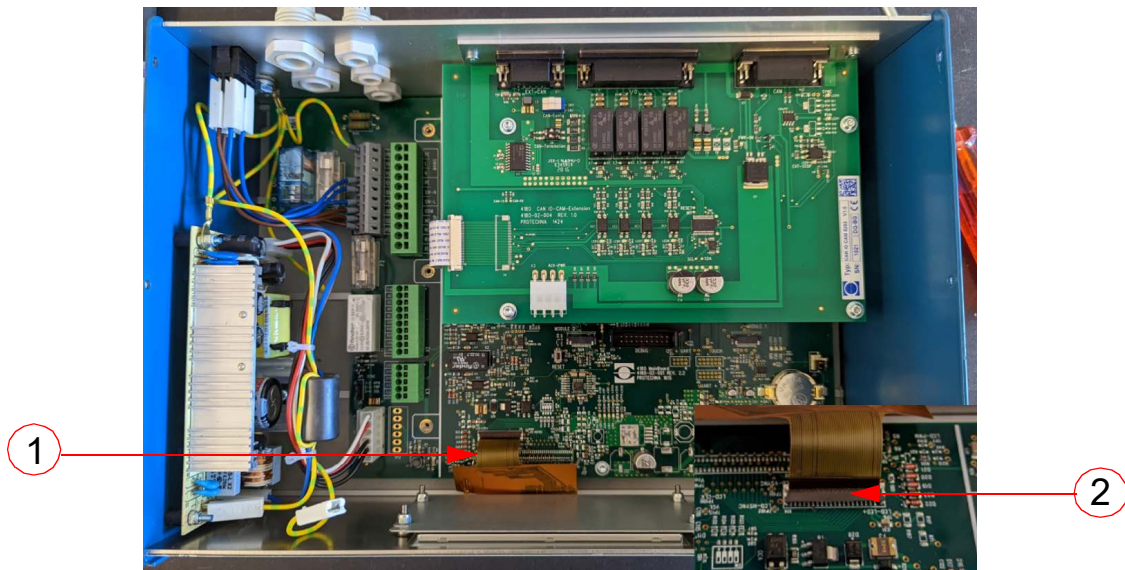
### 2.4 Unplugging the grounding cable



Remove the grounding cable (1) from the display (15121) (2).

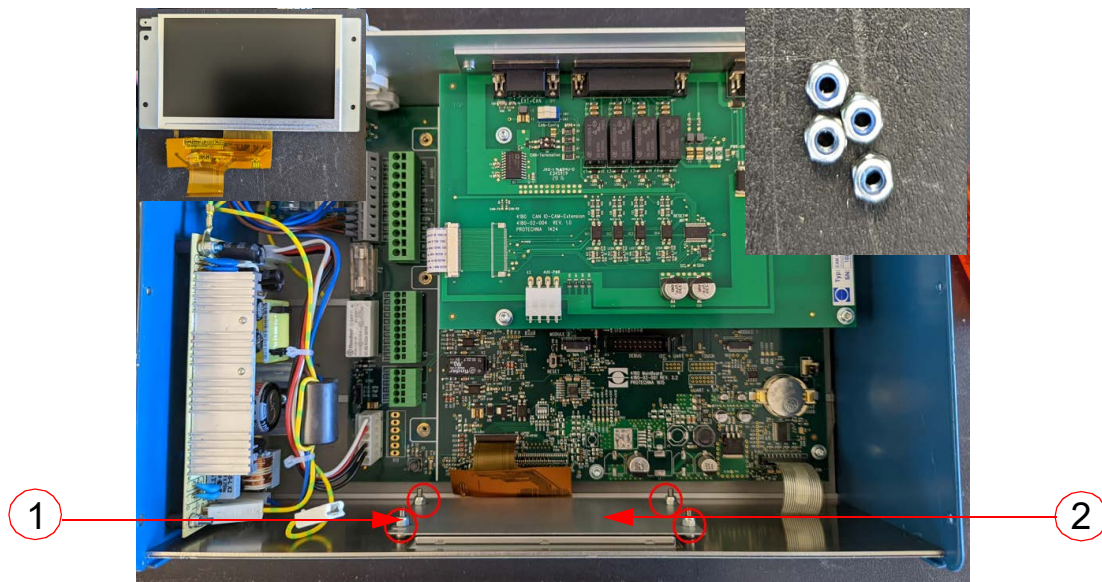


## 2.5 Disconnecting the flat ribbon cable



In this step, the flat ribbon cable of the display (15121) (1) must be unplugged. To do this, the locking mechanism of the connector (2) must be opened. Then the flat ribbon cable (1) can be carefully pulled vertically out of the connector (2).

## 2.6 Demounting the display

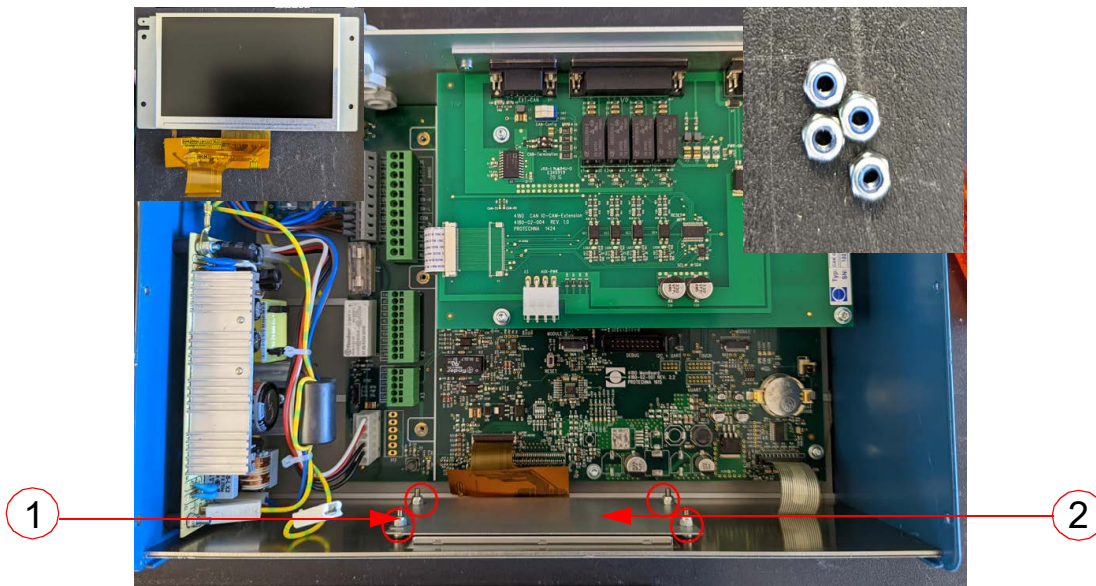


Loosen the four lock nuts (11547) (1) from the display (15121) (2). The display (15121) (2) can then be removed.



### 3 Mounting the display

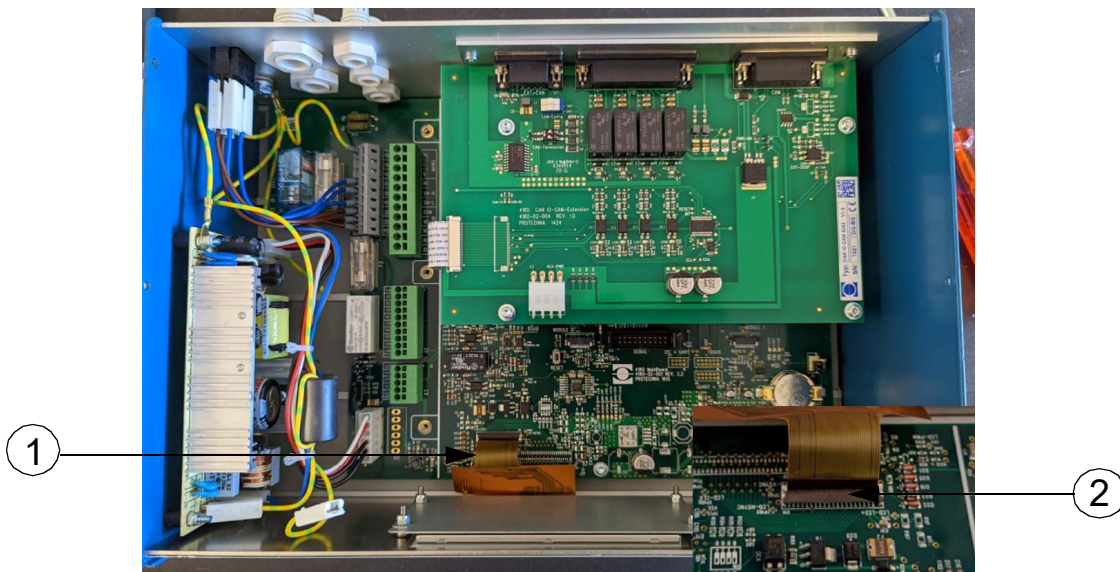
#### 3.1 Mounting the display



Remove the new display (15121) (2) from the packaging.

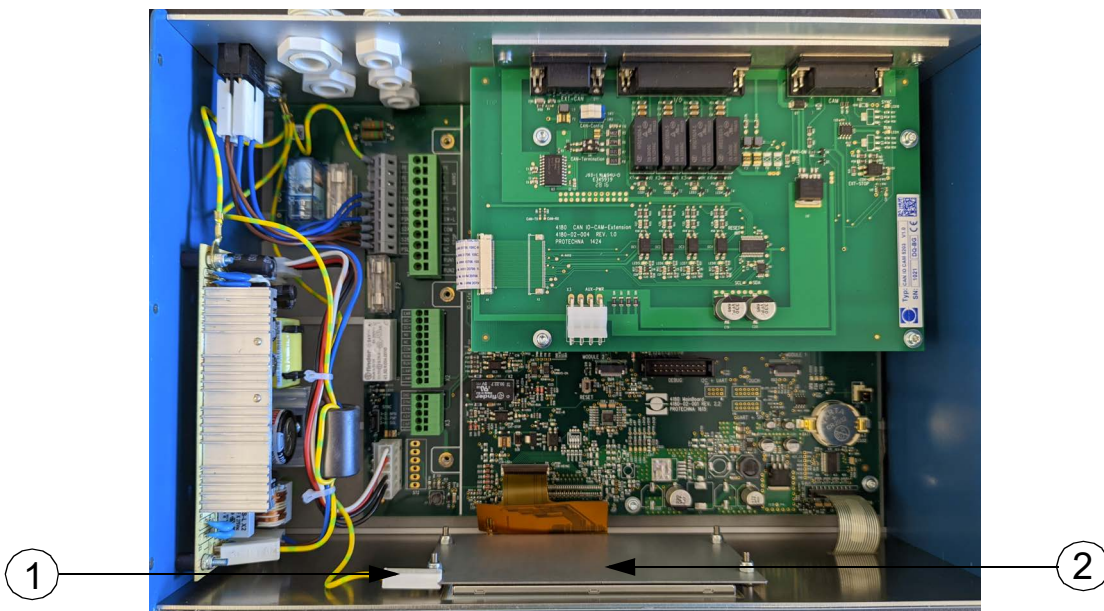
Fix the display (15121) (2) with the four lock nuts (11547) (1).

### 3.2 Connecting the flat ribbon cable



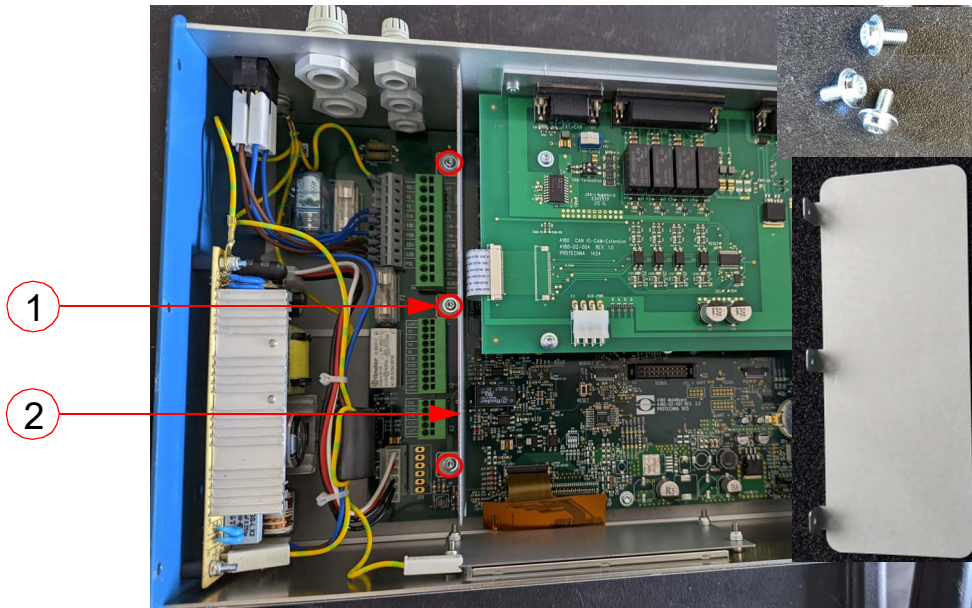
Next, the flat ribbon cable of the display (15121) (1) must be connected. If necessary, open the locking mechanism of the flat connector. Then the flat ribbon cable (1) can be carefully inserted vertically into the connector (2). The locking mechanism must then be closed.

### 3.3 Connecting the grounding cable



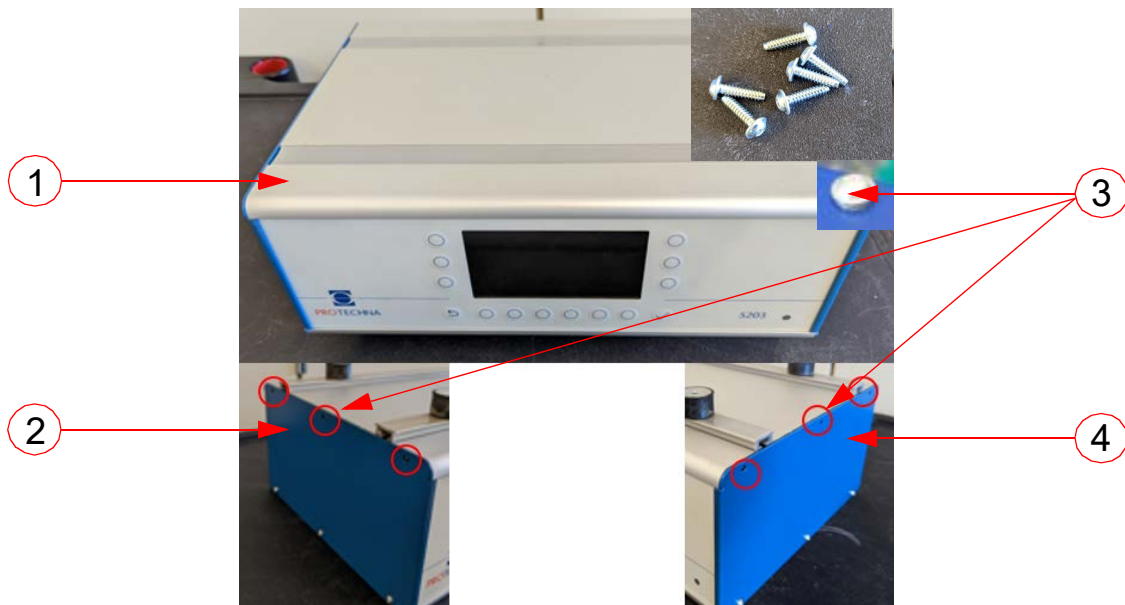
Connect the grounding cable (1) to the display (15121) (2).

### 3.4 Mounting the separation panel housing



The separation panel housing (2) is then fixed in the control unit with the three screws (13429) (1).

### 3.5 Mounting the housing shape cover



Place the housing shape cover (13461) (1) on the control unit. Subsequently, fix the housing shape cover (13461) (1) with three screws (13438) (2) to the side panel left (13450) and with three screws (13438) (4) to the side panel right (13451). Attention: middle screw is fixed with a contact washer M3 (11618) (3).

## 4 Notes