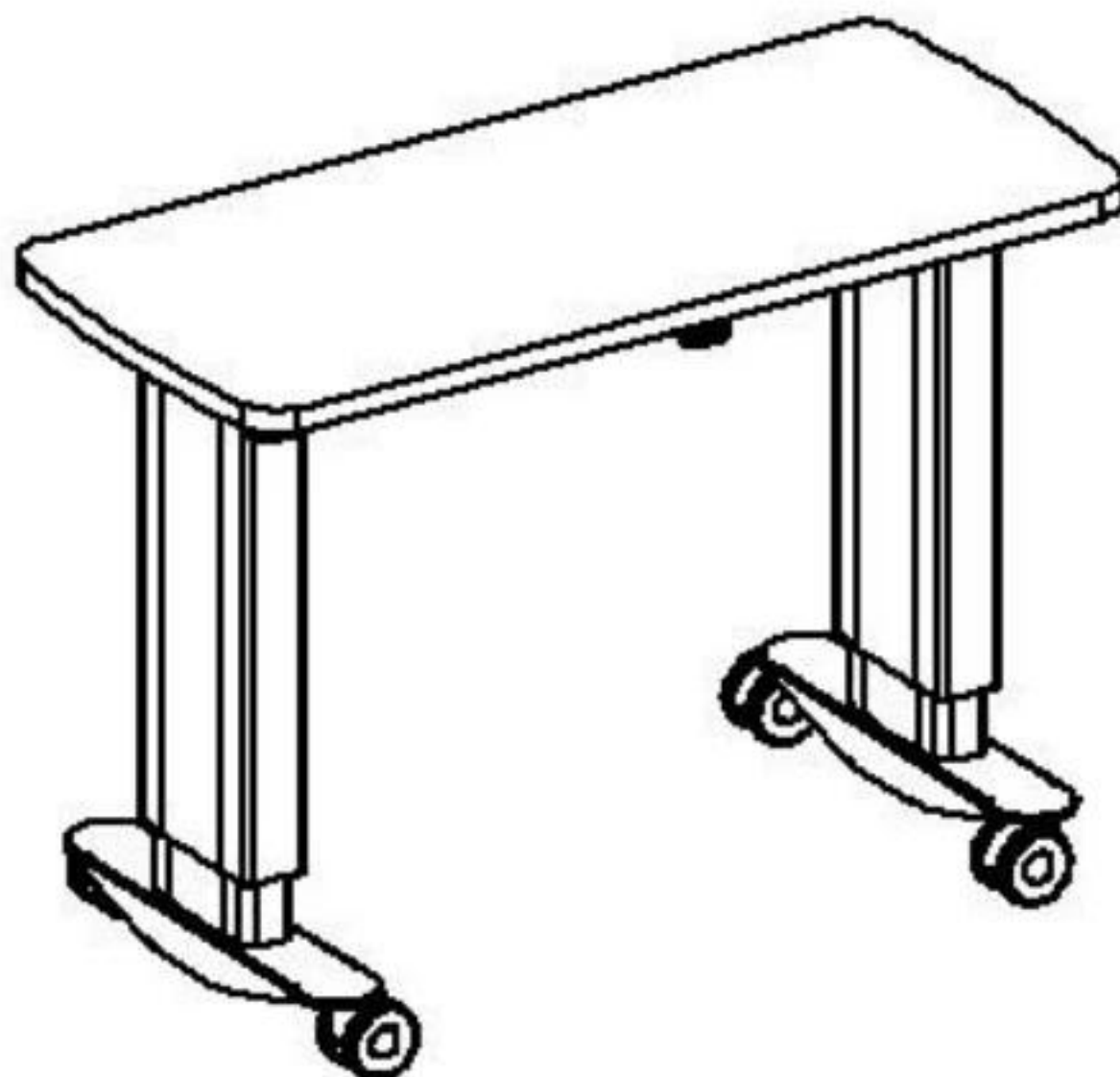


## INSTRUCTION MANUAL

Version 3.0

Issued June 18, 2018

# Motorized Table Tavola Tripla



CE

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**After assembling, before first use of the table, also after movement table to another location it is necessary to perform calibration of the elevating columns.**

### **Technical specifications**

|                                                                           |                                                                                        |       |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------|
| Height (without table top)                                                | Min                                                                                    | 68 cm |
|                                                                           | Max                                                                                    | 98 cm |
|                                                                           | Stroke                                                                                 | 30 cm |
| Dimensions (without table top)                                            | Width                                                                                  | 90 cm |
|                                                                           | Depth                                                                                  | 50 cm |
|                                                                           | Weight                                                                                 | 27 kg |
| Elevating speed on min/max load                                           | 25 / 14 mm/s                                                                           |       |
| Capacity                                                                  | Max 100 kg                                                                             |       |
| Capacity on one elevating column                                          | Max 50 kg                                                                              |       |
| Height adjustment mechanism                                               | Electrical                                                                             |       |
| Height adjustment control                                                 | Up/down switch, sited under the table top                                              |       |
| Power supply voltage/frequency                                            | 230 V ~ 50/60 Hz                                                                       |       |
| Current absorbed                                                          | 220-240 V~ version: max 1A                                                             |       |
| Current absorbed with connected instruments                               | Max 4A                                                                                 |       |
| 2 main fuses located in the fuse-holder sited below the power cord socket | T 5A 250V 5x20                                                                         |       |
| Duty cycle of electrical motor                                            | Max 10%. After continuous operation of 2min it must be cooled down for at least 18min. |       |
| 3 auxiliary max 200W voltage power supply socket for instruments          |                                                                                        |       |

Technical data may be subject to modification.

Before assembling and using the instrument, you must read this manual carefully.

### **Safety precaution**

1. This equipment must not be used in an area that is in danger of explosions and in the presence of flammable, explosive, or volatile solvent such as alcohol, benzene or similar chemicals.

2. Do not put or use this device in humid rooms. Humidity should be maintained between 50% and 80% for normal operation. Do not expose the device to water

splashes, dripping water, or sprayed water.

3. Only person who has undergone proper training and instructions are authorized to install and maintain this equipment.
4. Do not force cable connections. If a cable does not connect easily, be sure that the connector (plug) is appropriate for the receptacle (socket). If you cause any damage to a cable connector(s) or receptacle(s), let the damage(s) be repaired by an authorized service technician.
5. Please do not pull on any cable. Always hold on to the plug when disconnecting cables.
6. Before every operation, visually check the equipment for exterior mechanical damage(s) and for proper function.
7. Do not cover any ventilation grids or slits. Immediately turn off and unplug any equipment that gives off smoke, sparks, strange noises, or odors.



"Warning" indicates the presence of a hazard that could result in severe personal injury, death or substantial property damage if ignored.



**WARNING: TO PREVENT ELECTRICAL CHOCK, DO NOT REMOVE COVER**

## Disposal



1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, wastel governing ordinances and recycling plans regarding disposal or recycling of instrument or device components.

When disposing packing materials, sort them by the materials and follow local governing ordinances and recycling plans.

**WARNING!**

Any replacements made without coordination with manufacturer are strictly prohibited.

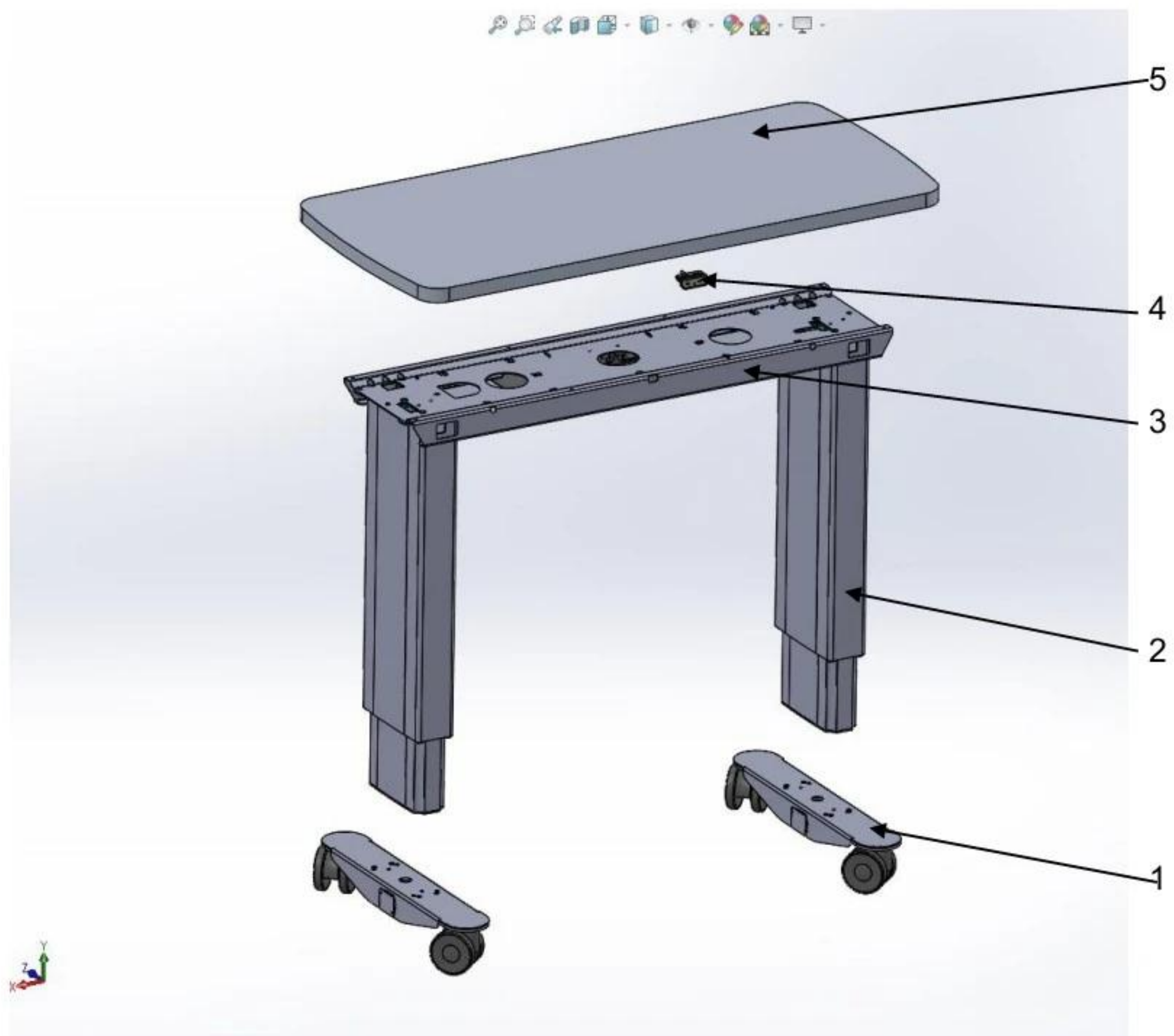
If replacements are made, the unit must be tested to ensure the continued safe operation.

**WARNING!**

Connecting electrical equipment to the multiple socket-outlet effectively leads to creating a medical equipment SYSTEM and result can be reduced level of safety. Requirements for medical equipment system follow IEC 60601-1.

**WARNING!**

To avoid risk of electric shock, this equipment must only be connected to a supply mains with protective earth.



- 1 Base on wheels x 2pcs
- 2 Elevating column x 2pcs
- 3 Table top support box
- 4 UP/DOWN switch
- 5 Table top

Picture 1. Exploded view of the table

## Assembling instructions

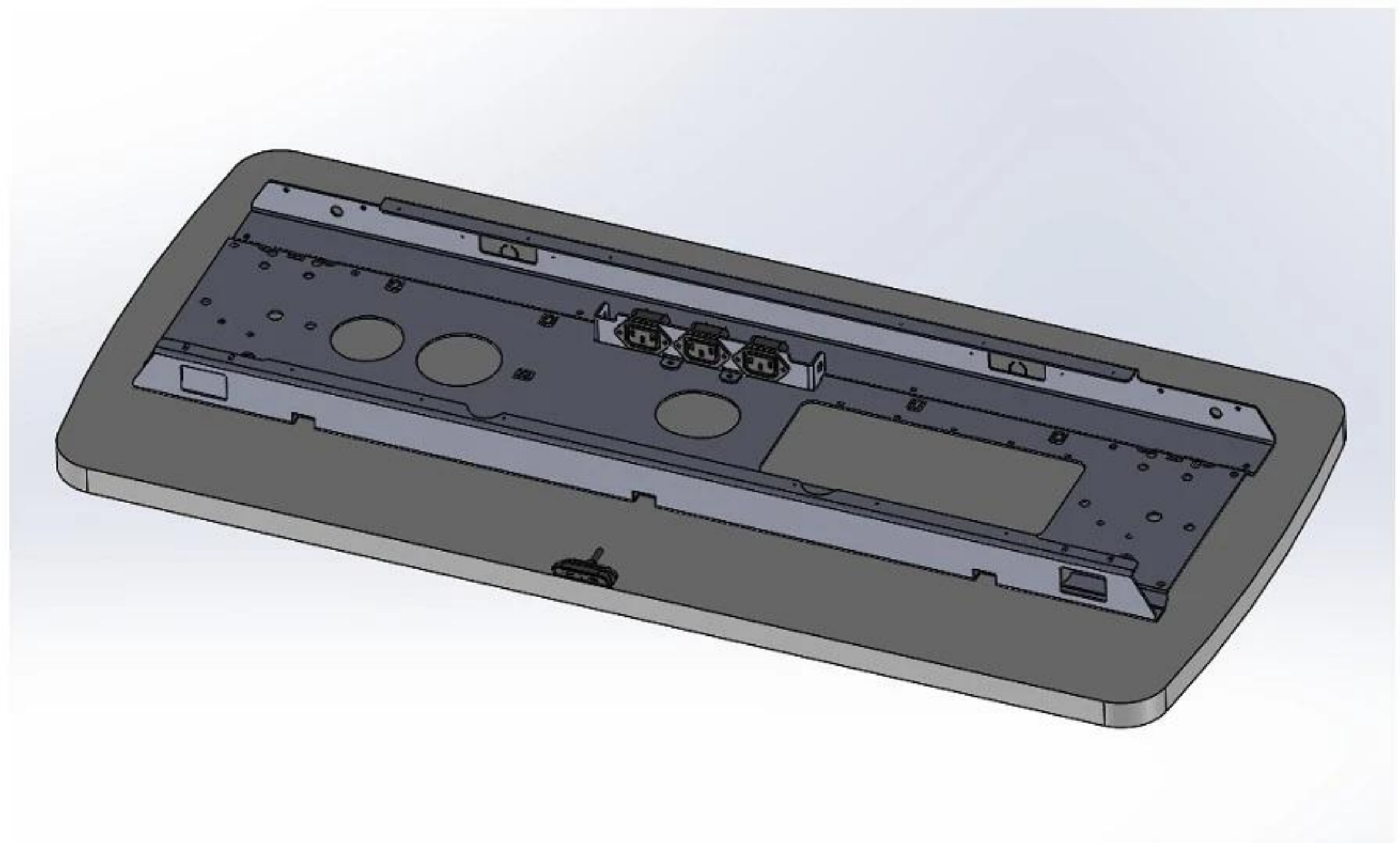
Picture 1 shows exploded view of the table.

To assemble the table, operate as follows:

*1. Fasten table top (5) to table top support box (3)*

Put table top downwards to the floor. Put some material between table top and floor to prevent scratches of surface of table top.

Put Table top support box in desired position and fasten it using no. 8 supplied nails crews.



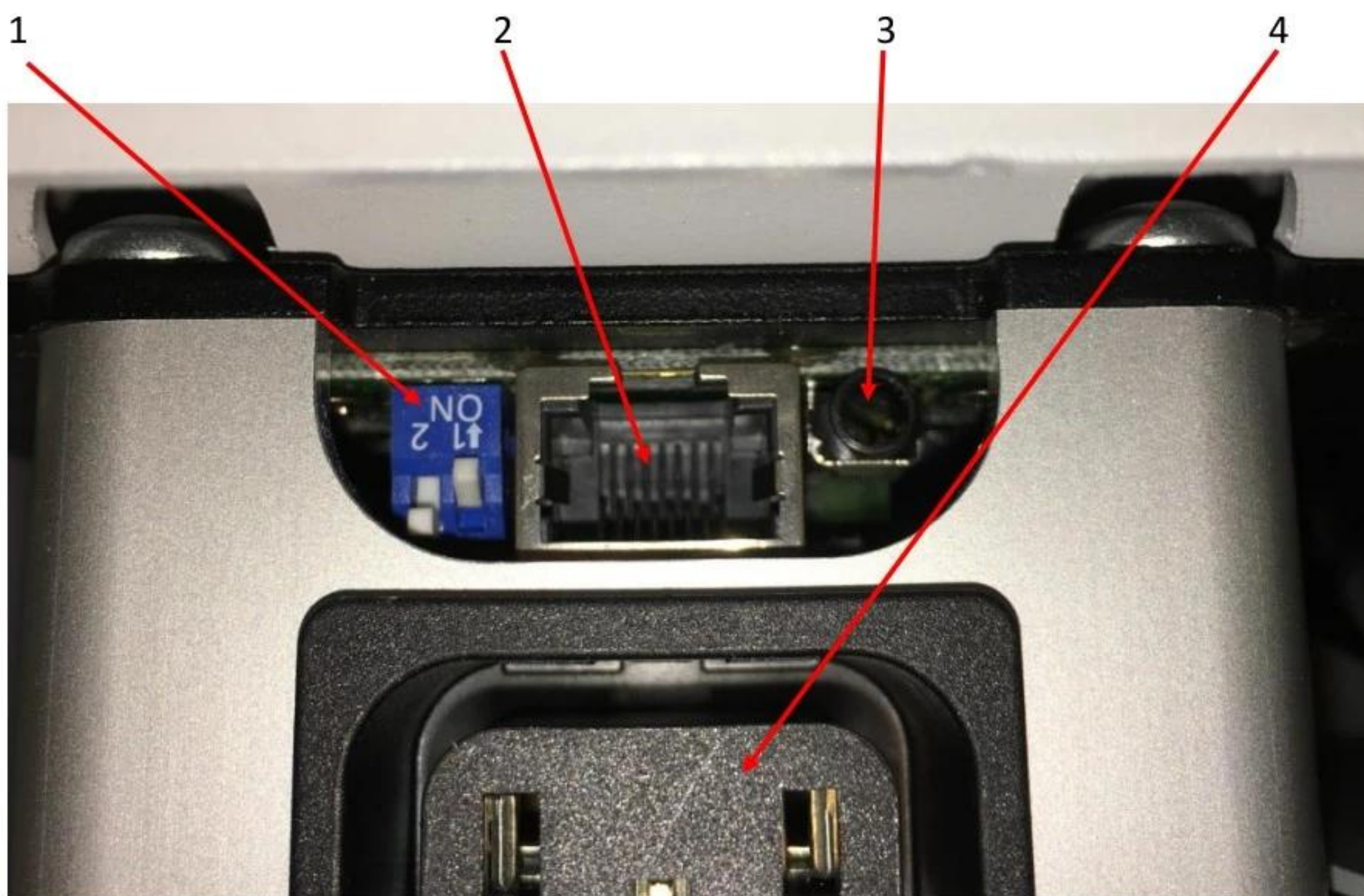
Attach switch UP/DOWN in desired place by using no.2 supplied nail screws.

*Usually, table top is already attached to support box.*

## 2. Assemble elevating columns (2) to table top support box(3)

Each elevating column can be set for working as:

- Single column
- Double column – master mode
- Double column – slave mode



Connections on elevating column:

- 1 – MODE switch
- 2 – Data cable to next column (in Double mode)
- 3 – socket for UP/DOWN switch (connects when column is working in Single or Double Master mode)
- 4 – Outlet 230V max 600W

True table of Mode switch:

| Switch #1 | Switch #2 | Description                           |
|-----------|-----------|---------------------------------------|
| X         | ON        | Column works in Single mode           |
| ON        | OFF       | Column works as Master in Double mode |
| OFF       | OFF       | Column works as Slave in Double mode  |

(as example in the picture, column is set for working as Master in Double mode)

Before fastening columns to the support box set Mode dip switches to the right positions and connect necessary cables.

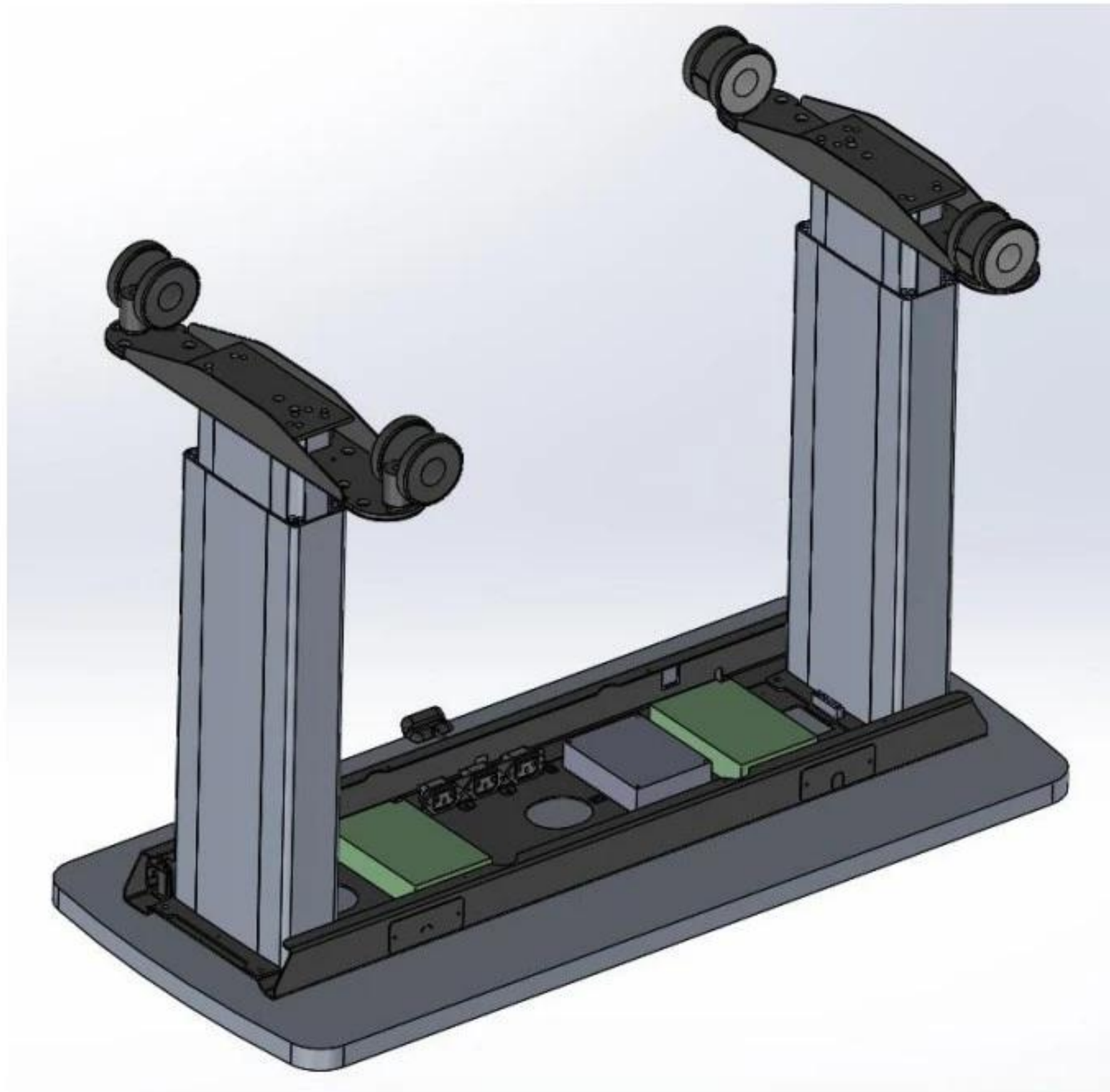
UP/DOWN switch must be connected to the MASTER column.

Put elevating columns to their places in table top support box and fasten them by using supplied no. 8 screws M6x20 and spring washers.

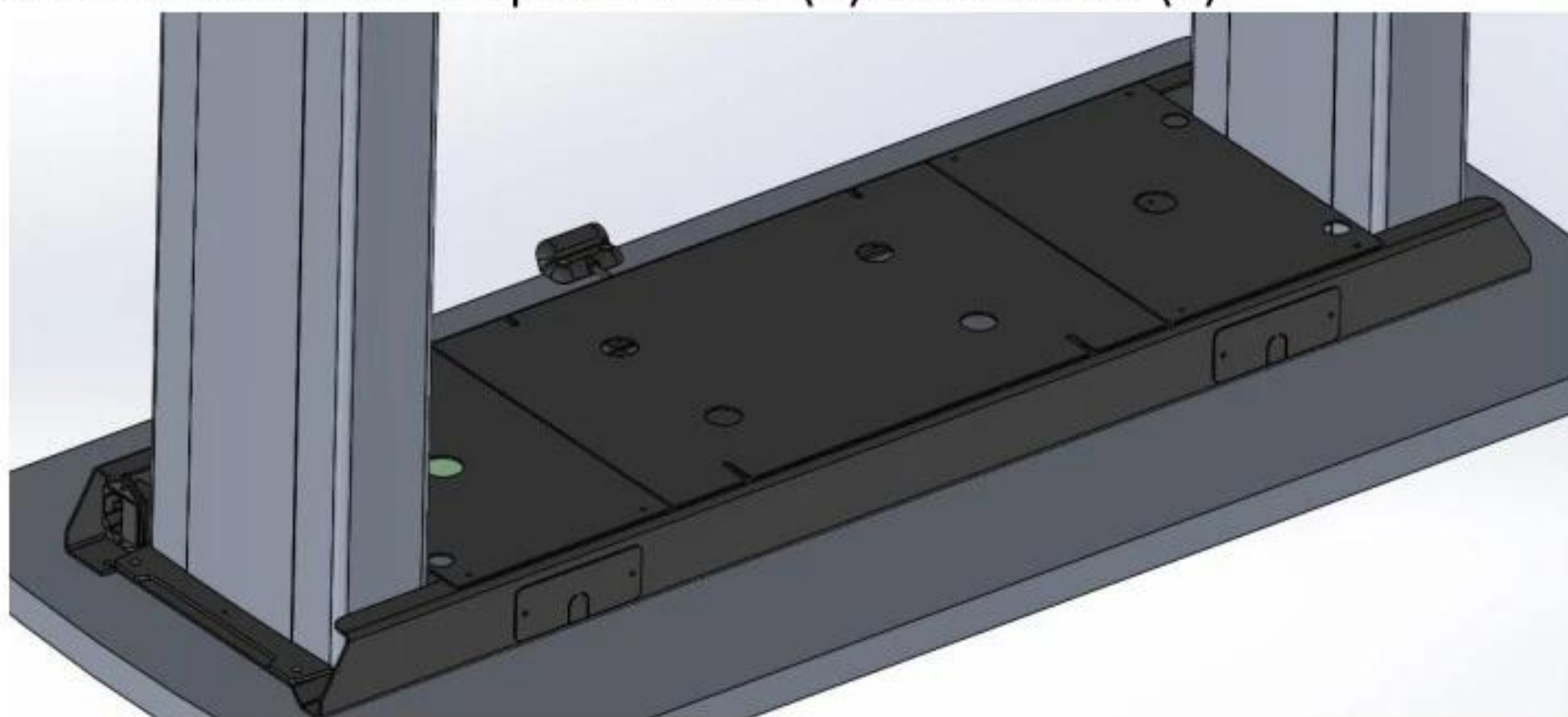


3. *Fasten bases (1) to elevating columns (2)*

Put bases on elevating columns and fasten them using no.8 supplied screws.

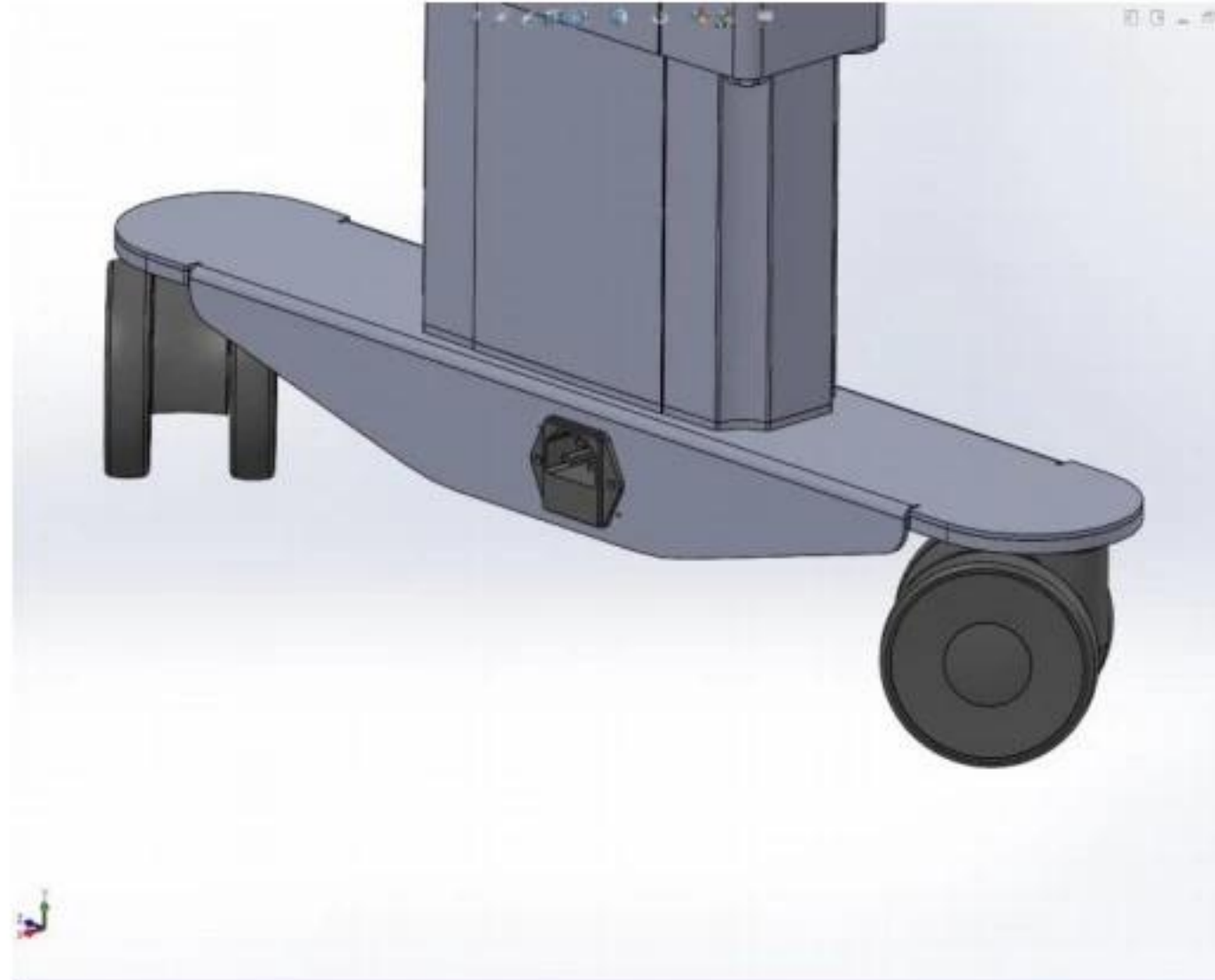


Put on and fasten decorative panels: side (6) and central (7)

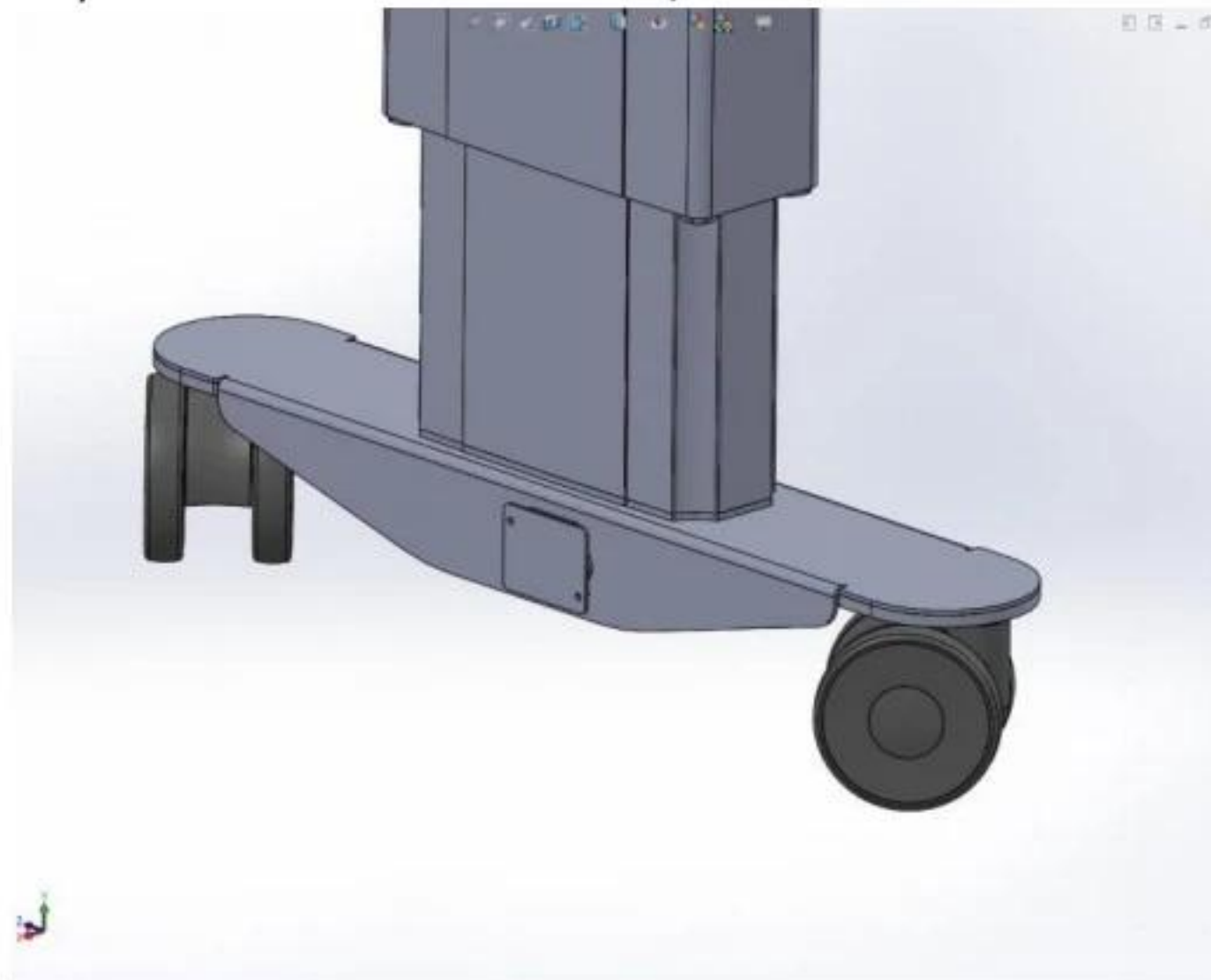


Turn the table upside-up.

4. *Connect the power cord* to the socket presented on the base of either column. There are two power supply sockets in the table. Connect power cord to one of them.



The other one (free) socket must be closed/screwed with the lid.



Use power switch of the elevating column to which power cord is connected as main power switch. The power switch on the other column must be hidden by supplied decorative plate.

## Operating instructions

### Calibration

After assembling, before first use of the table, also after movement table to another location it is necessary to perform calibration of the elevating columns.

The calibration is very easy, just make the following steps:

1. Turn power OFF
2. Press at the same time both buttons "+" and "-" (Up and Down)
3. Turn power ON while keeping pressed both buttons "+" and "-".
4. Long beep will occur. Release buttons "+" and "-".
5. Table will lift till upper position and stop.
6. Please check if table top is in horizontal position. If necessary, you can adjust each column down by pressing buttons "+" and/or "-".  
Each time pressing and releasing button "+", the left column will go down for 0.5mm.  
Each time pressing and releasing button "-", the right column will go down for 0.5mm.  
After you have table top aligned horizontally go to step 7.
7. Press at the same time both buttons "+" and "-", and keep pressed for 1-2sec. Beep will occur. Release both buttons.  
Your job is finished.  
Table will go to lowest position and then to upper position again.  
Performing this, both columns will gather all necessary information from sensors and indicators they have installed inside.

### Calibration completed.

Calibration can be performed with or without instruments installed on table top.

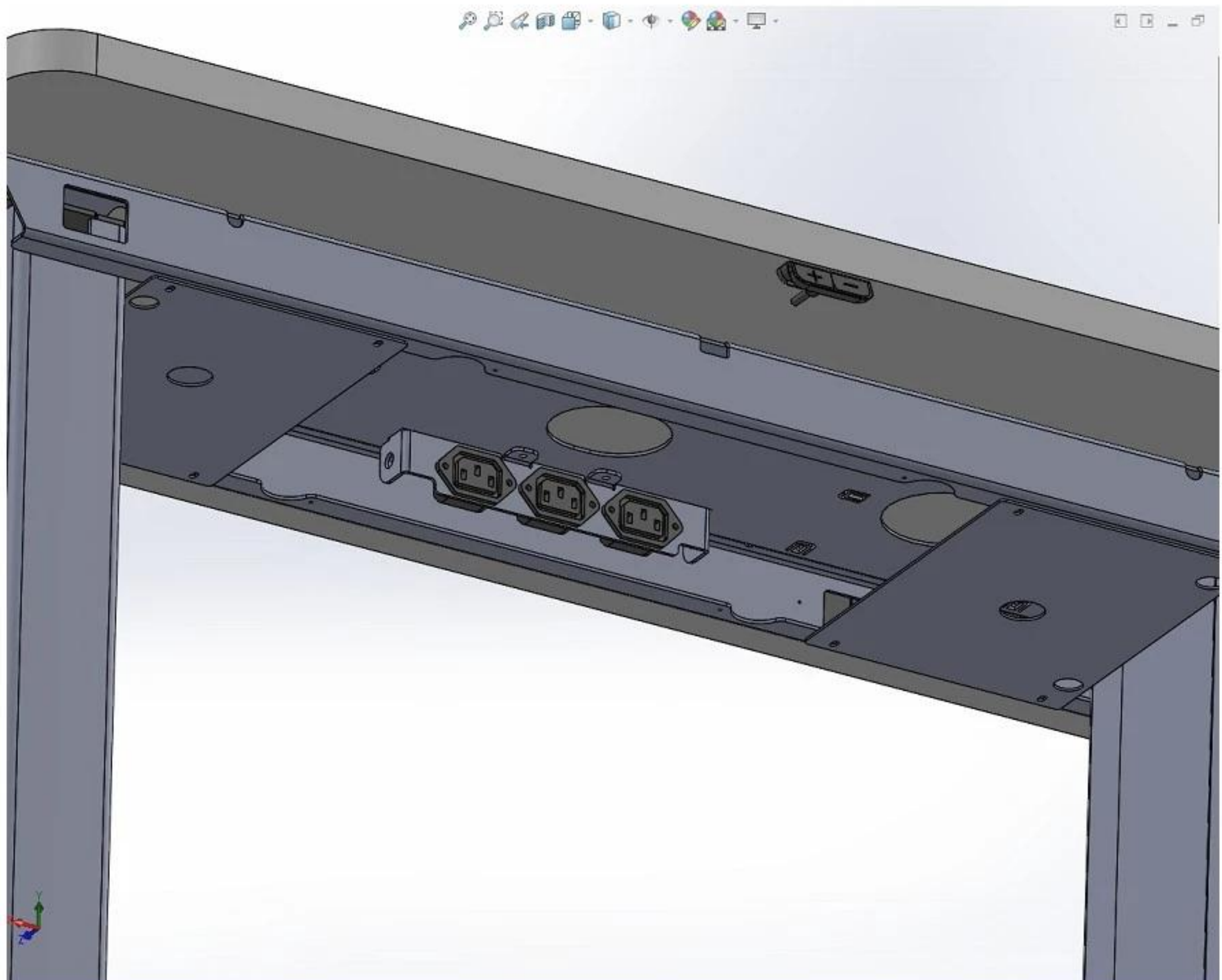
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## To change the height of the table top

- Push the corresponding button for height adjustment of the table.
- Push button marked “+” for movement UP
- Push button marked “-” for movement DOWN

## Auxiliary outlets

Three auxiliary power supply outlets are located inside the table top support box.



These outlets are directly connected to power switch.

It means that mains voltage is presented on the outlets if mains power switch is turned to position ON.

## Maintenance

Attention: before any maintenance operation, be sure the main power switch is turned OFF (0) and take off the plug from the wall socket.

## Replacing main protection fuses

Main delayed fuses are sited in the fuse-holders located just under the main power supply sockets on the sides of the Table top support box.

Replace it only with fuse of same value as indicated on the label sited on the support bracket of instrument table top.

## Cleaning

Clean the coated surfaces with a cloth moistened (never dripping wet). Please do not use any abrasive or aggressive cleaning supplies. Make sure that no moisture gets in between the keyboard keys. It is advisable to protect the instrument table against dust with a protective hood at the end of each working day, simply because open measuring and examining instruments are inherently sensitive to dust.

Do not use any cleaning agent as they may have a corrosive effect.

Do not expose the device to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight),

|                                                |                          |
|------------------------------------------------|--------------------------|
| <b>Storage and Transportation temperature:</b> | 0°C to +65°C             |
| <b>Storage and Transportation humidity:</b>    | max 95% (non-condensing) |

**Operating temperature:** +5°C to +40°C

To prevent electrical shock, do not remove side covers of the device.

All maintenance and repairing works can be carried out by the manufacturer's authorized technicians only.

## Labels

The label with CE mark and product electrical data is located on the support bracket of instrument table top.

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