

# MOUNTING- INSTRUCTION





**EN ISO 9001 EN ISO 13485**

SystemCarrier compact Art. No. 20180-100, SystemCarrier compact plus Art. No. 20180-101

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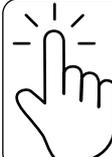
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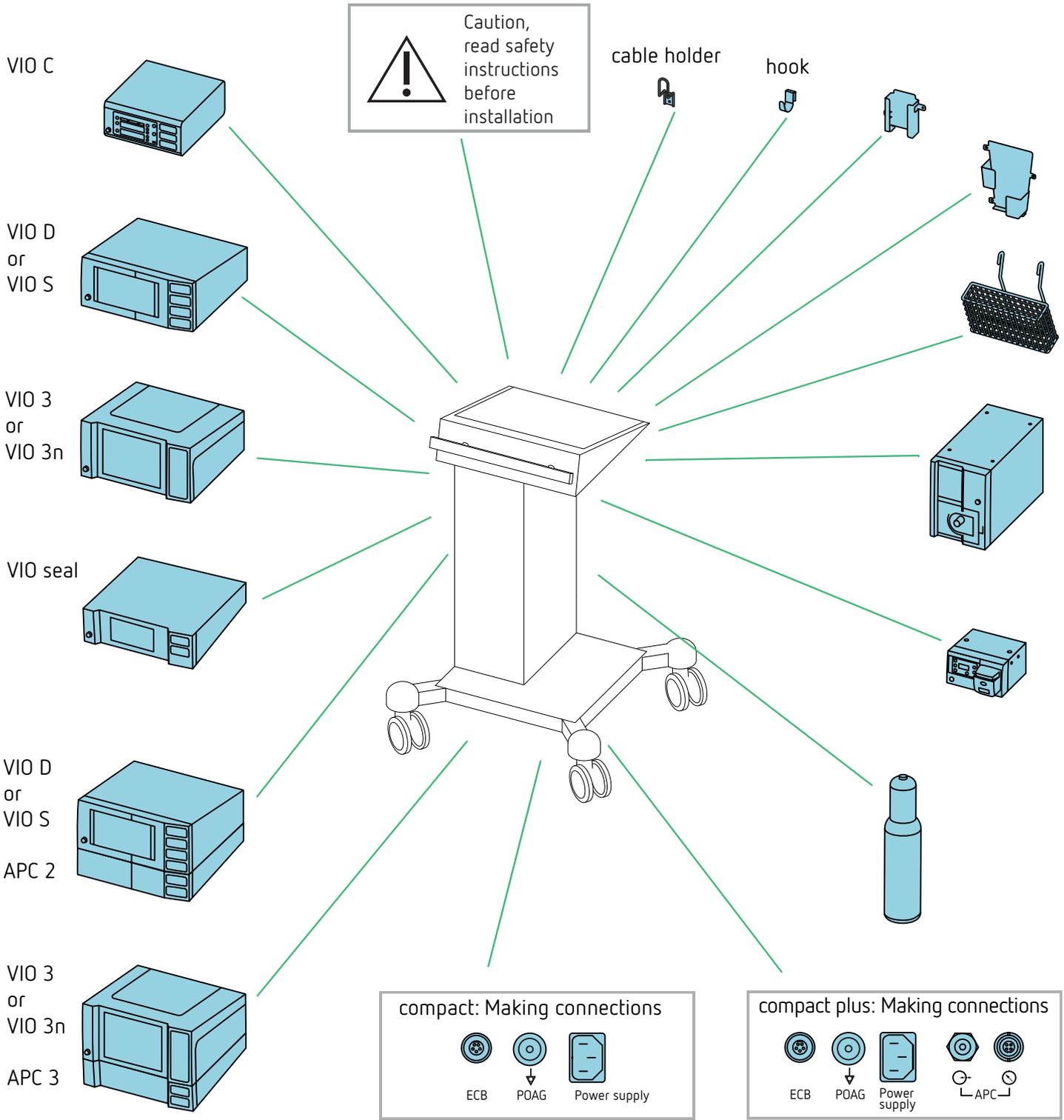
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# What would you like to do?

 For eFU : Click on the accessory / unit to be mounted.



What would you like to do?

# Safety Instructions

- DE** Sicherheitshinweise zur Montage von Geräten/Zubehör finden Sie in der Gebrauchsanweisung des Systemträgers. Lesen Sie diese Sicherheitshinweise bevor Sie Montagetätigkeiten ausführen.
- EN** Safety instructions about installing units/accessories are available in the user manual for the system carrier. Read these safety instructions before starting the installation.
- FR** Prière de consulter le mode d'emploi du support système pour connaître les consignes de sécurité relatives au montage de dispositifs/d'accessoires. Prière de consulter les présentes consignes de sécurité avant de procéder à un quelconque montage.
- ES** Encontrará indicaciones de seguridad sobre el montaje de aparatos y accesorios en el manual de instrucciones del soporte del sistema. Lea estas indicaciones de seguridad antes de realizar los trabajos de montaje.
- IT** Per le avvertenze di sicurezza riguardanti il montaggio di apparecchi/accessori, consultare le istruzioni per l'uso del portante di sistema. Leggere le avvertenze di sicurezza prima di eseguire interventi di montaggio.
- PT** Indicações de segurança para a montagem de unidades/acessórios podem ser encontradas no manual de instruções do suporte do sistema. Leia estas indicações de segurança antes de realizar atividades de montagem.
- EL** Για οδηγίες ασφαλείας σχετικά με την τοποθέτηση συσκευών/παρελκομένων, ανατρέξτε στις οδηγίες χρήσης του φορέα συστήματος. Διαβάστε αυτές τις οδηγίες ασφαλείας πριν από τη διεξαγωγή εργασιών τοποθέτησης.
- NL** Veiligheidsinstructies voor de montage van apparaten/accessoires vindt u in de gebruiksaanwijzing van de systeemdrager. Lees deze veiligheidsinstructies voordat u montagewerkzaamheden gaat uitvoeren.
- DA** Sikkerhedshenvisninger til montering af apparater/tilbehør kan findes i brugsanvisningen til systemholderen. Læs disse sikkerhedshenvisninger, før du udfører monteringsarbejderne.
- NO** Sikkerhetsmerknader om montering av apparater/tilbehør finner du i bruksanvisningen for systembæreren. Les disse sikkerhetsmerknadene før du utfører arbeid med montering.
- SV** Säkerhetsanvisningar om montering av apparater och tillbehör hittar du i bruksanvisningen till systembäraren. Läs de här säkerhetsanvisningarna före monteringsarbeten.
- FI** Laitteiden / lisävarusteiden asennusta koskevia turvallisuusohjeita on järjestelmätelineen käyttöohjeessa. Lue nämä turvallisuusohjeet ennen ryhtymistä asennustoimiin.

- ET** Seadmete/tarvikute paigaldamise ohutusjuhised leiata süsteemikanduri kasutusjuhendist. Lugege enne paigaldustegevuste teostamist neid ohutusjuhiseid.
- LV** Drošības norādījumus par ierīču/piederumu uzstādīšanu skatīt sistēmas pamatnes lietošanas instrukcijā. Izlasiet šos drošības norādījumus, pirms veicat uzstādīšanu.
- LT** Prietaisų ir reikmenų montavimo saugos nuorodas rasite sistemų laikiklio naudojimo instrukcijoje. Prieš imdamiesi montavimo darbų perskaitykite šias saugos nuorodas.
- PL** Wskazówki bezpieczeństwa dotyczące montażu urządzeń/wyposażenia dodatkowego można znaleźć w instrukcji obsługi nośnika systemu. Przed przystąpieniem do prac montażowych należy przeczytać te wskazówki bezpieczeństwa.
- CS** Bezpečnostní pokyny k montáži přístrojů/příslušenství najdete v návodu k použití systémového nosiče. Tyto bezpečnostní pokyny si přečtěte ještě před montáží.
- SK** iBezpečnostné pokyny týkajúce sa montáže prístrojov/príslušenstva nájdete v návode na použitie nosiča systému. Pred vykonaním montážnych prác si prečítajte tieto bezpečnostné pokyny.
- HU** A készülékek, illetve kiegészítők összeszerelésével kapcsolatos biztonsági utasítások a rendszer tartójának használati útmutatójában találhatóak. A szerelés elkezdése előtt olvassa el a biztonsági utasításokat.
- RU** Указания по технике безопасности при установке приборов/принадлежностей приведены в инструкции по эксплуатации системы-носителя. Ознакомьтесь с указаниями по технике безопасности перед установкой.
- SL** Varnostna navodila za montažo enot/opreme najdete v navodilih za uporabo nosilca za sistem. Pred začetkom montaže preberite ta varnostna navodila.
- HR** Sigurnosne napomene o montaži proizvoda/pribora pronaći ćete u korisničkim uputama nosača sustava. Pročitajte ove sigurnosne napomene prije nego što započnete montažu.
- RO** Indicațiile de siguranță pentru montajul aparatelor/accesoriilor sunt disponibile în cadrul instrucțiunilor de utilizare pentru sistemul de suport. Citiți aceste indicații de siguranță înainte de a efectua montajul.
- BG** Инструкции за безопасност относно монтажа на апарати/принадлежности ще намерите в инструкцията за употреба на носача на системата. Прочетете тези инструкции за безопасност преди да извършите монтажни дейности.
- TR** Cihazların/aksesuarların montajına ilişkin güvenlik bilgilerini sistem taşıyıcısının kullanım kılavuzunda bulabilirsiniz. Montaj işlerini yapmadan önce bu güvenlik bilgilerini okuyun.
- ZH** 仪器台车的使用说明书介绍了仪器 / 配件的装配安全须知。 装配操作前请您阅读本安全须知。

- ZHT** 儀器台車的使用說明書介紹了儀器 / 配件的裝配安全須知。裝配操作前請您閱讀本安全須知。
- KO** 장치 / 액세서리 장착에 관한 안전 지침은 시스템 캐리어의 사용 설명서를 참조하십시오 .  
장착 작업을 수행하기 전에 이 안전 지침을 읽으십시오 .
- SR** Uputstva o bezbednosti za montažu sredstava/pribora pronaći ćete u uputstvu za upotrebu nosača sistema. Pročitajte ova uputstva o bezbednosti pre nego što počnete montažu.
- VI** Bạn có thể tìm thấy hướng dẫn an toàn cài đặt thiết bị / phụ kiện trong hướng dẫn vận hành của nhà cung cấp. Đọc kỹ hướng dẫn an toàn trước khi tiến hành lắp đặt.
- ID** Petunjuk keselamatan terkait perakitan perangkat/aksesori dapat ditemukan di dalam petunjuk penggunaan modul sistem. Baca petunjuk keselamatan ini sebelum melakukan perakitan.



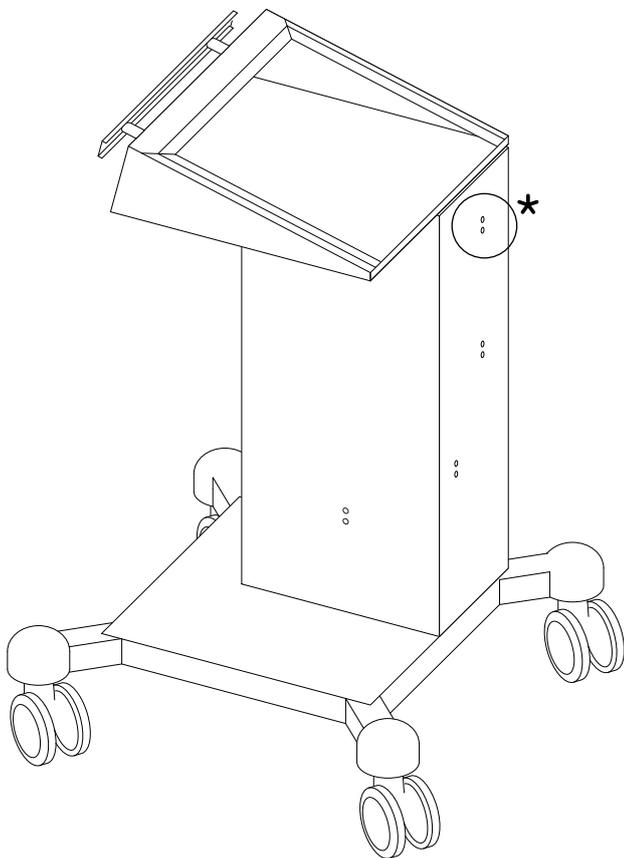
# Installing the cable holders

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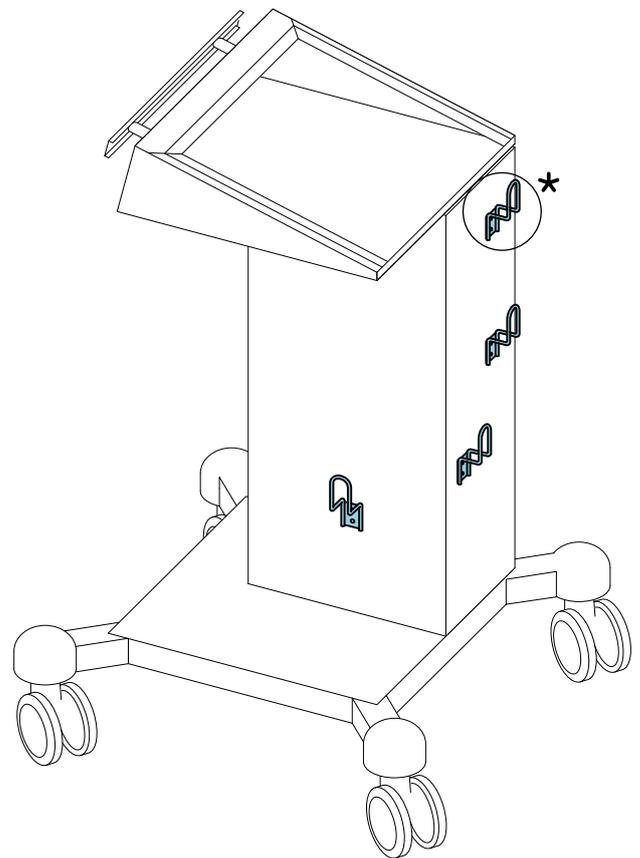
## Normal use

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Permitted installation points



Maximum loading:  
For compact, 4 items  
for compact plus, 3 items



★ Omitted for compact plus

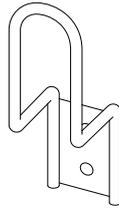
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## Scope of delivery

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**IMPORTANT!** Only use original Erbe accessories.

Erbe REF 20180-460



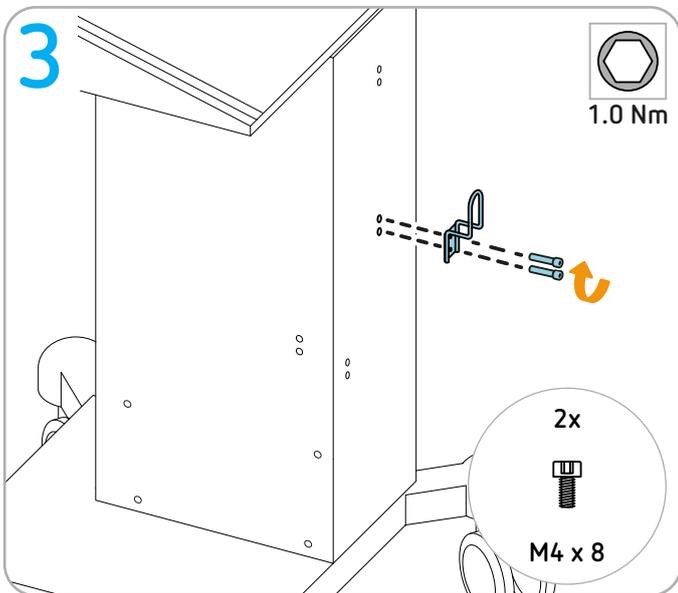
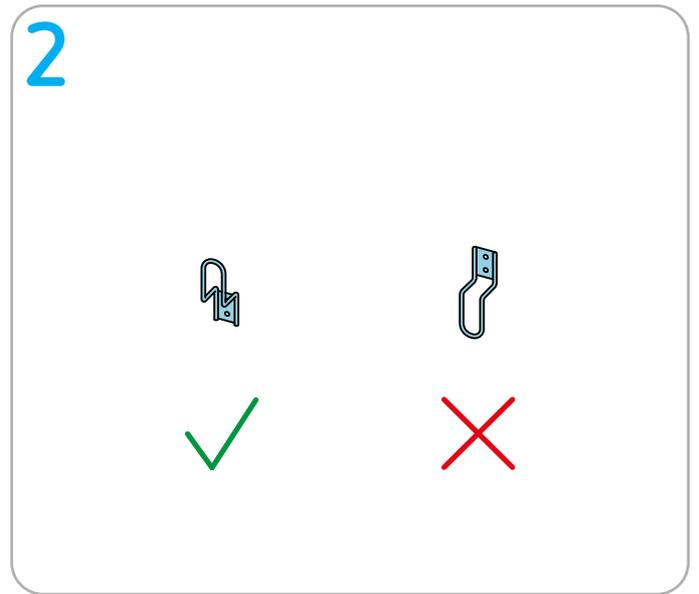
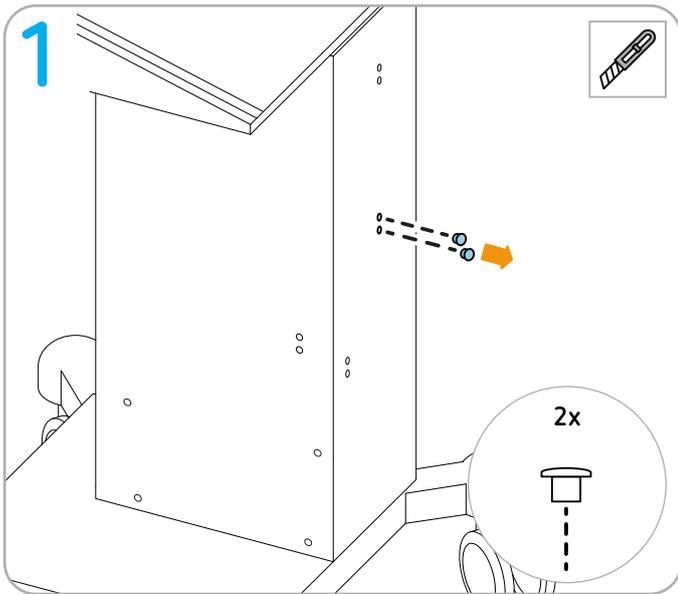
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## Tools required

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 Torque screwdriver (1 Nm) hex socket 2.5

 Cutter





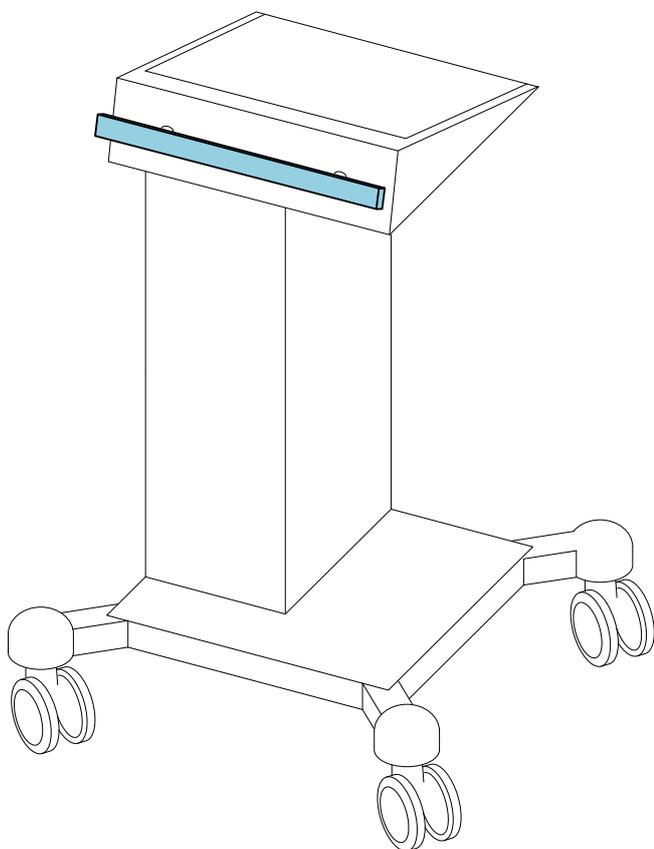
# Installing hook for cable storage

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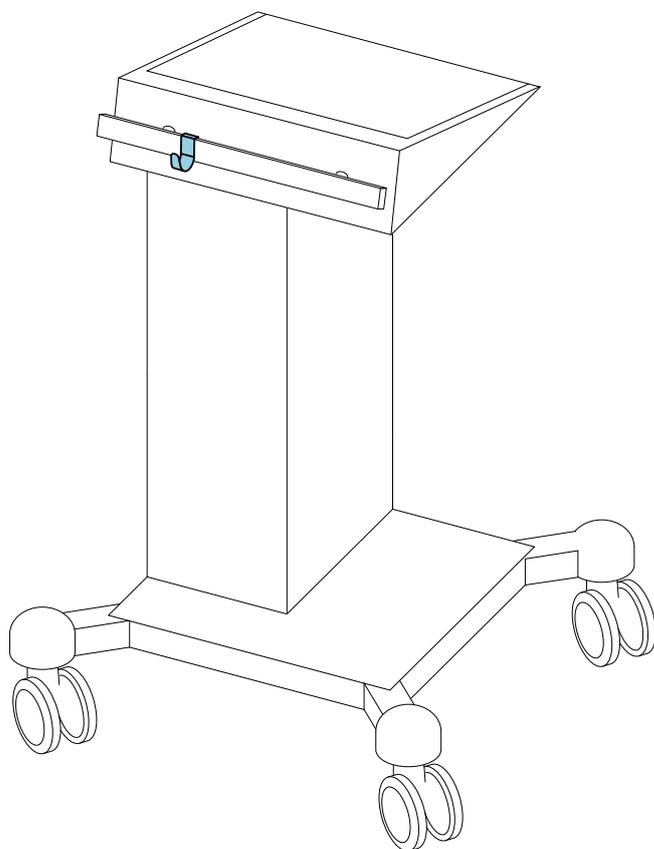
## Normal use

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Permitted attachment marked in blue



Maximum loading:  
1 item



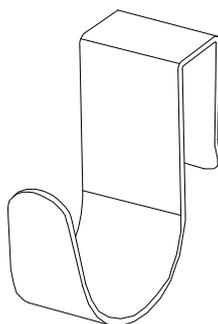
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## Scope of delivery

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**IMPORTANT!** Only use original Erbe accessories.

Erbe REF 20180-465

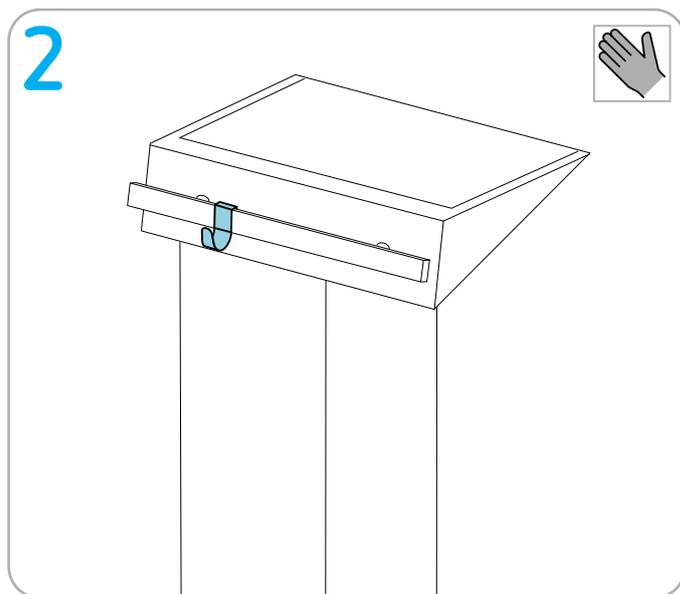
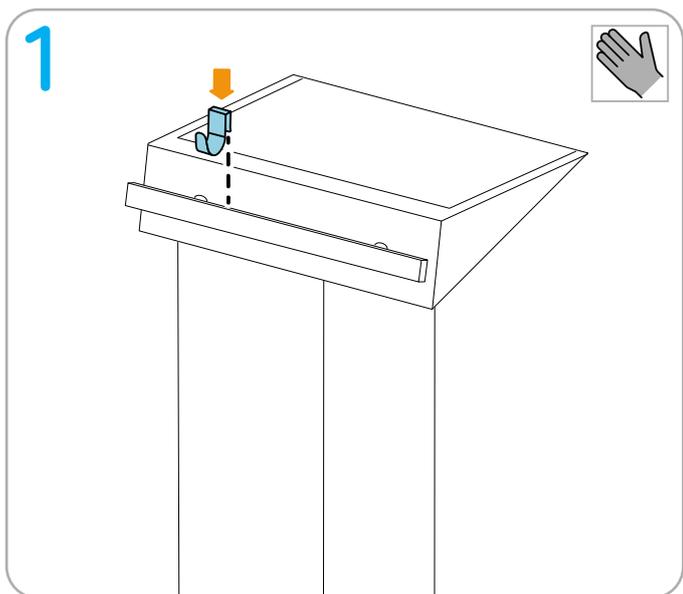


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## Tools required

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No tool needed.





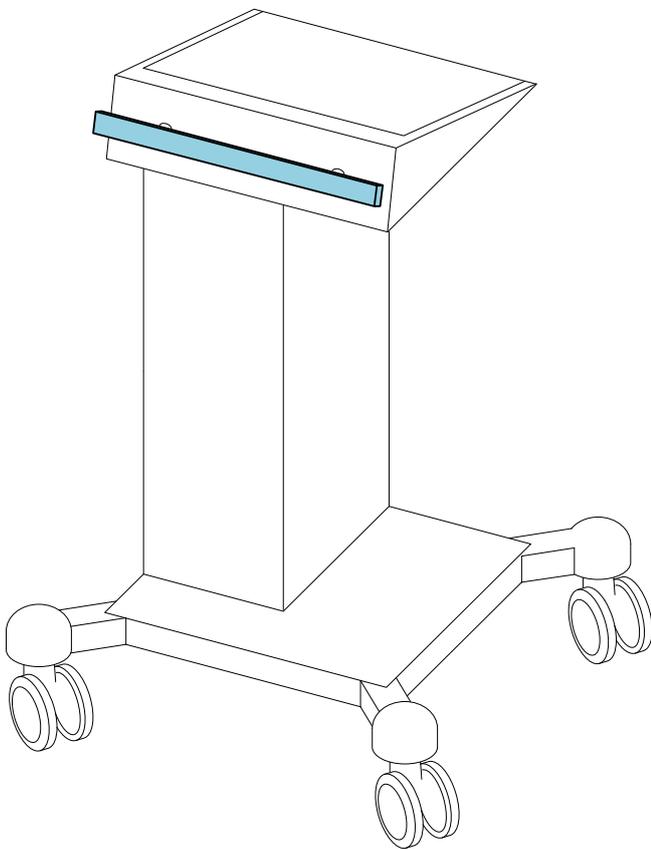
# Installing accessory basket

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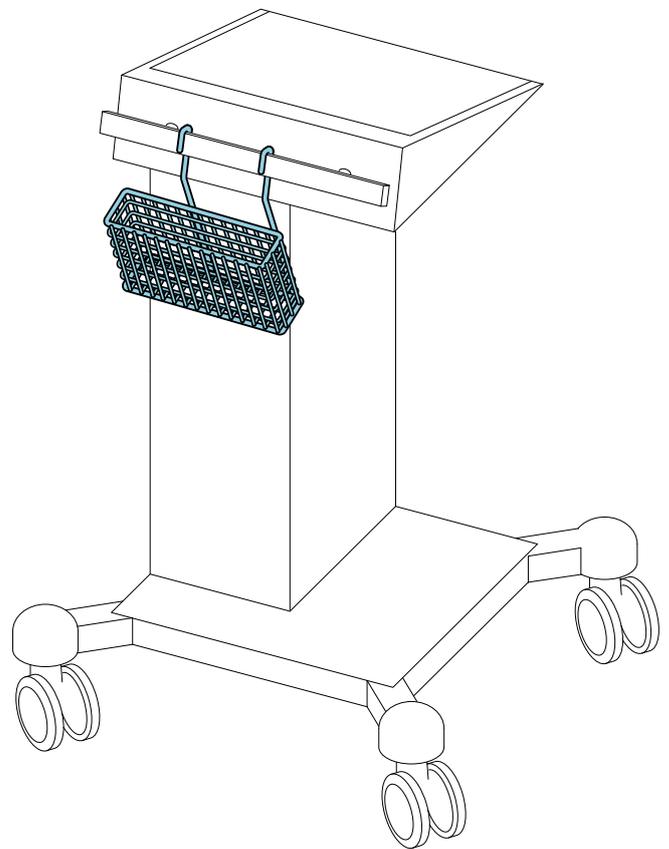
## Normal use

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Permitted attachment marked in blue



Maximum loading:  
1 item



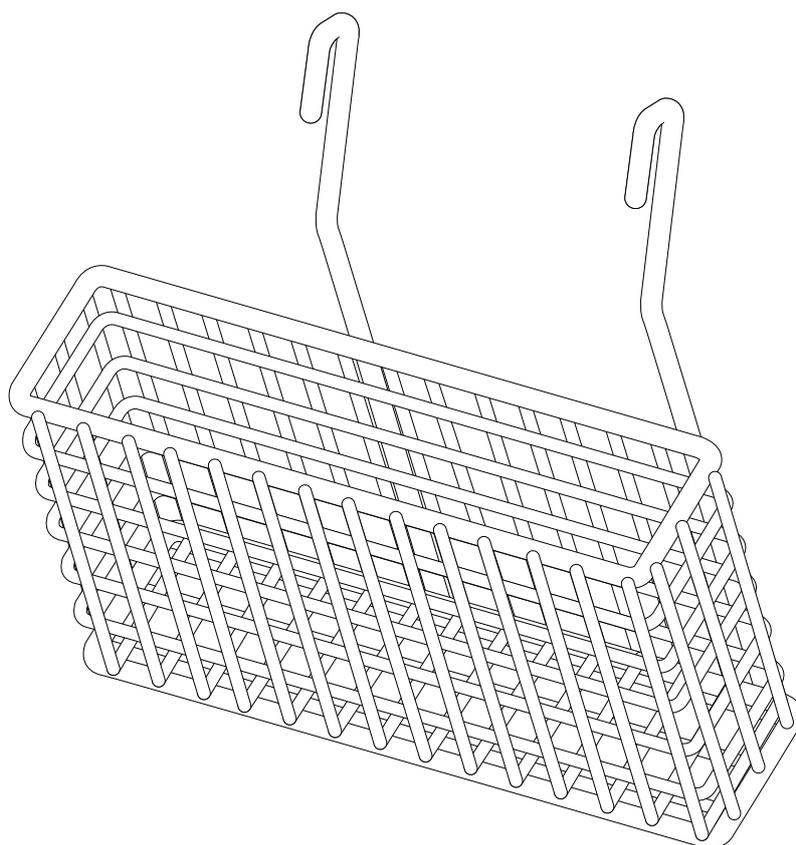
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## Scope of delivery

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**IMPORTANT!** Only use original Erbe accessories.

Erbe REF 20180-510

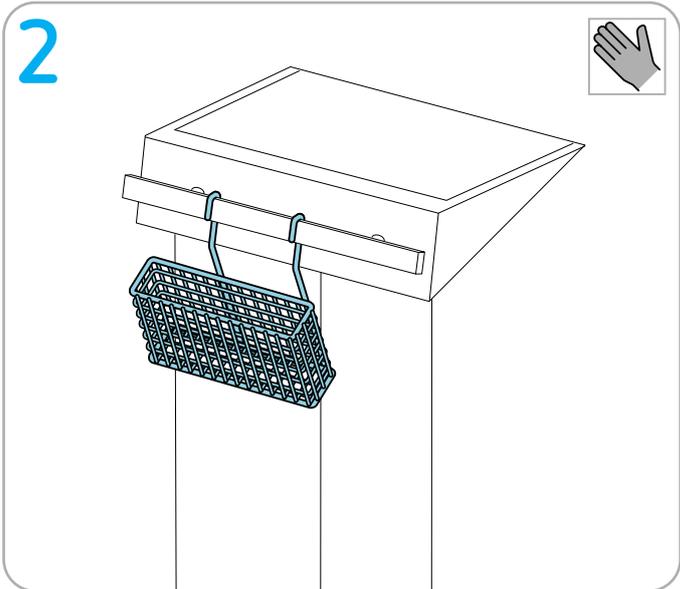
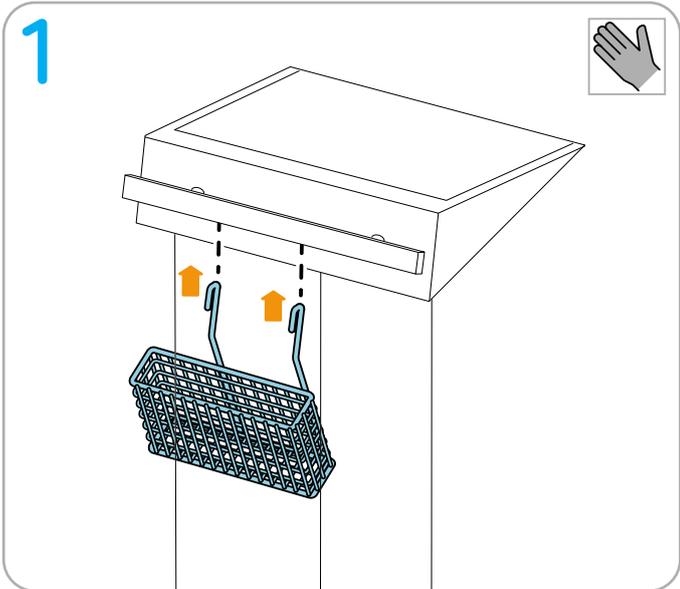


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## Tools required

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No tool needed.



 For eIFU:  
Back to Overview



# Installing footswitch support for large one-pedal footswitch

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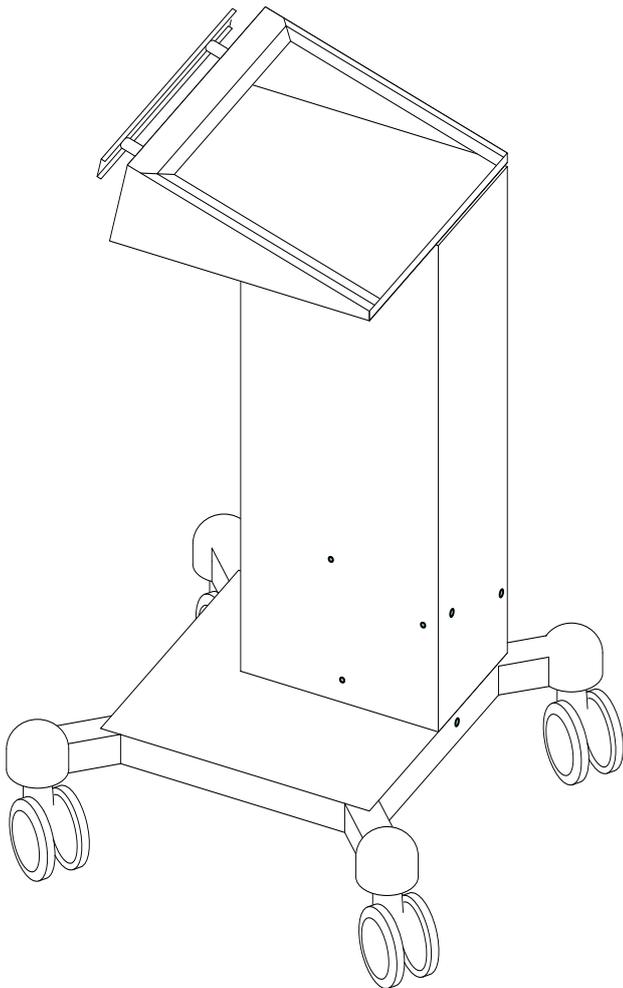
## Normal use

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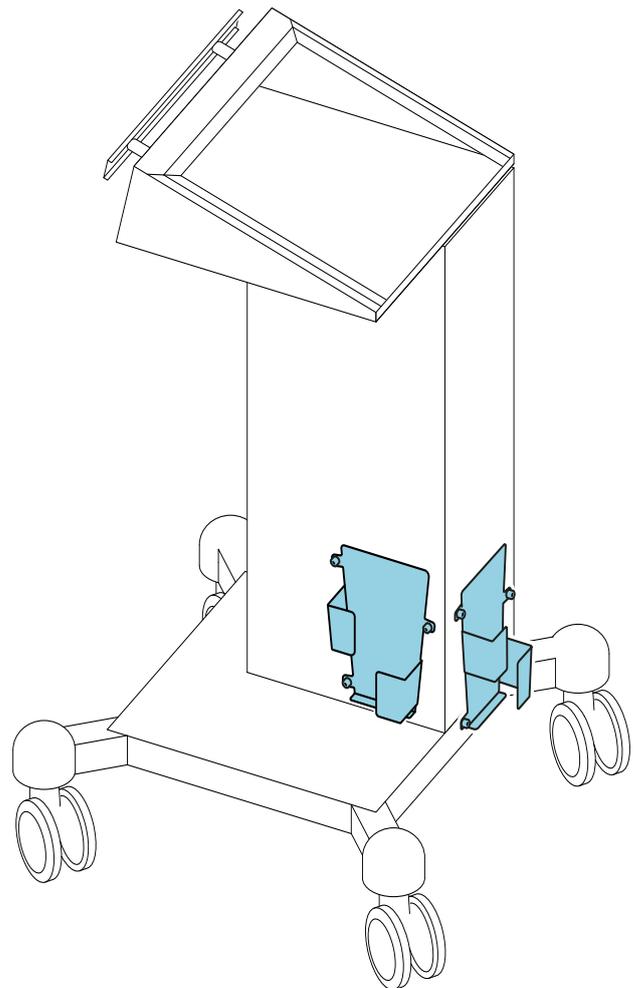
This footswitch support is compatible with the following Erbe one-pedal footswitches:

- VIO S, VIO D and VIO 3 one-pedal footswitch
- IES 3 one-pedal footswitch

Permitted installation points



Maximum loading: 2 items



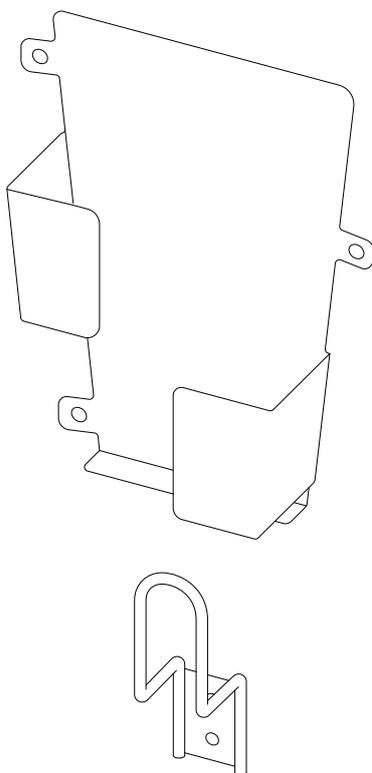
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## Scope of delivery

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**IMPORTANT!** Only use original Erbe accessories.

### Erbe REF 20180-463



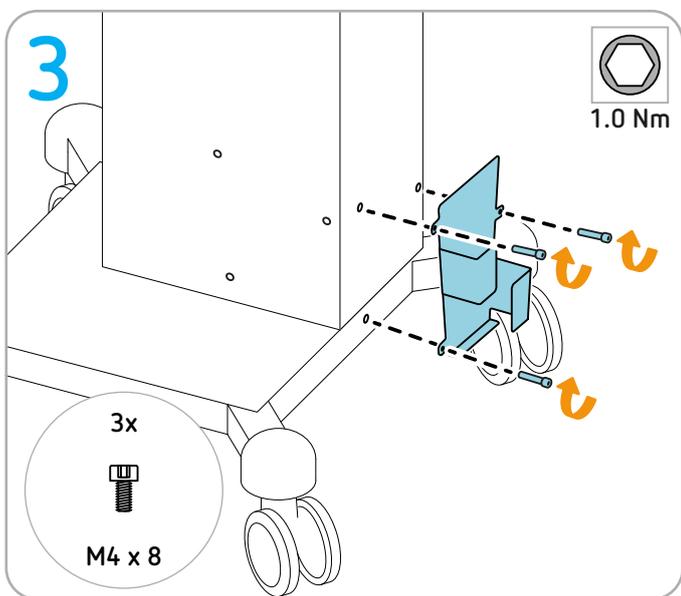
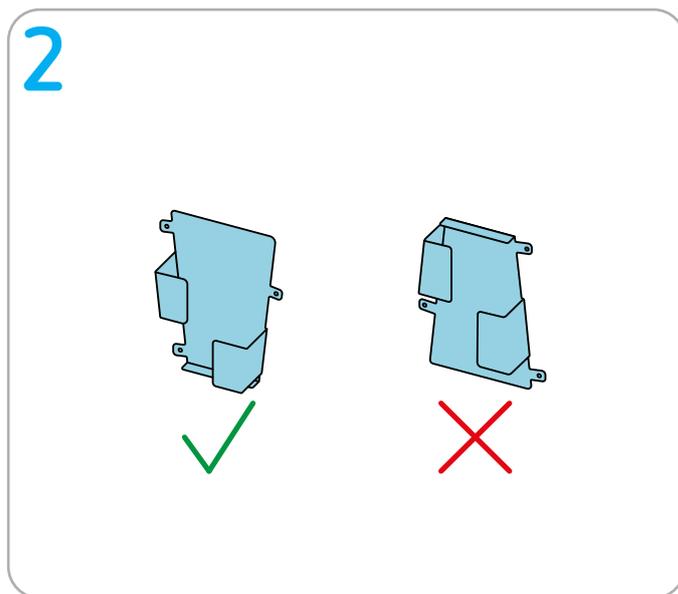
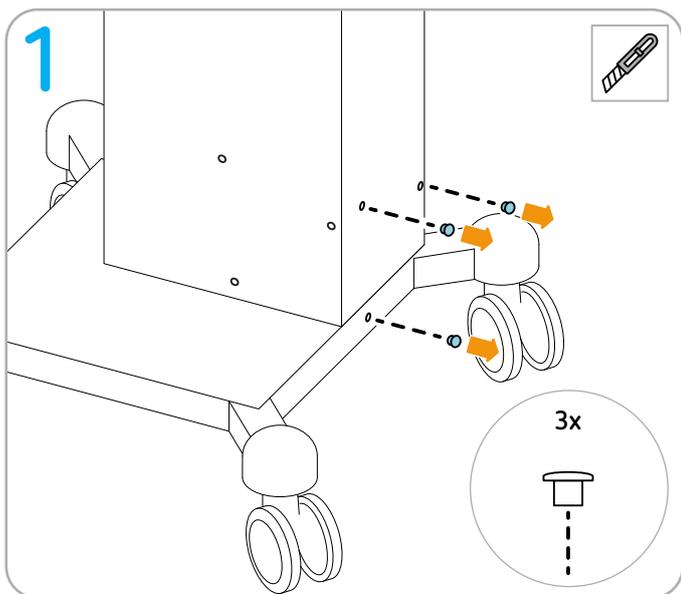
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## Tools required

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 Torque screwdriver (1 Nm) hex socket 2.5

 Cutter





# Installing footswitch support for small one-pedal footswitch on the system carrier

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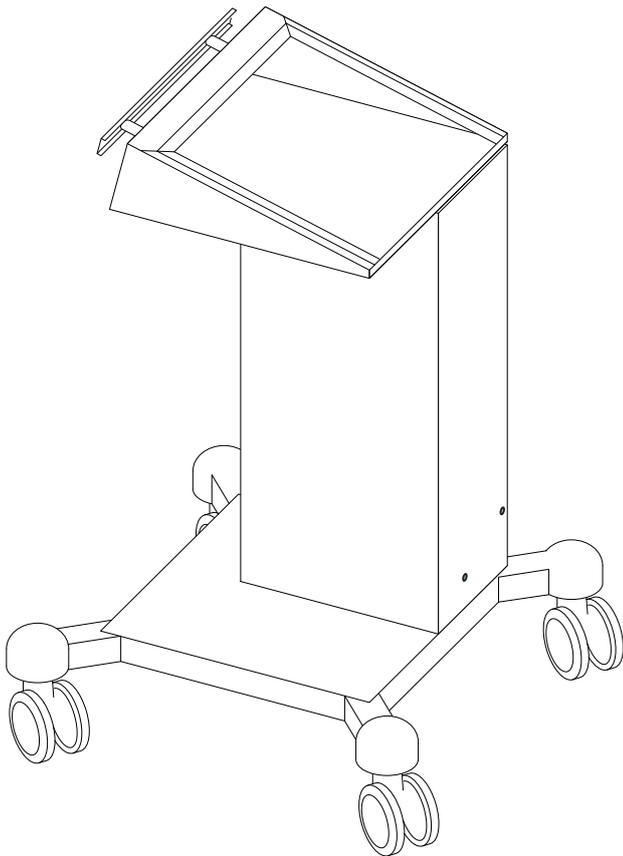
## Normal use

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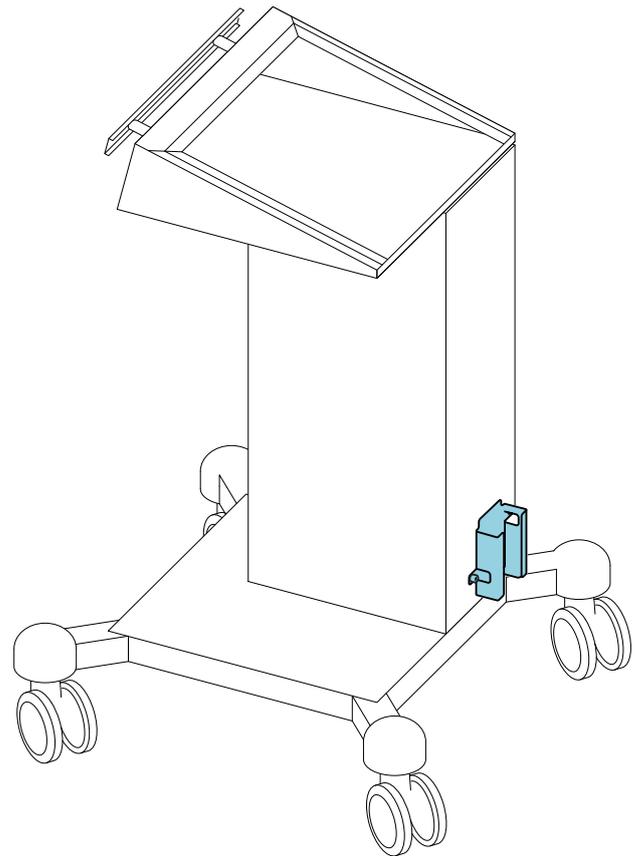
This footswitch support is compatible with the following Erbe one-pedal footswitches:

- VIO C one-pedal footswitch
- EIP 2 one-pedal footswitch

Permitted installation points



Maximum loading: 1 item



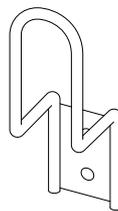
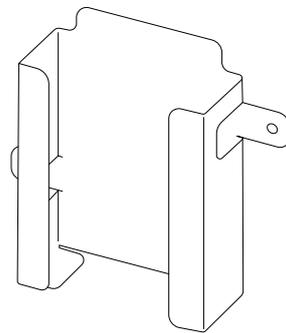
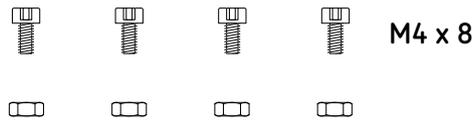
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## Scope of delivery

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**IMPORTANT!** Only use original Erbe accessories.

### Erbe REF 20180-464



Universal fastening set: Not all parts are required for the following assembly steps.

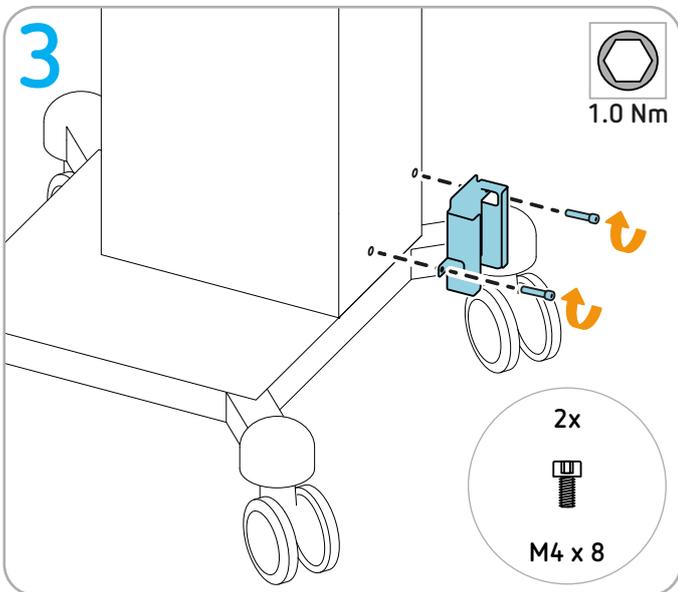
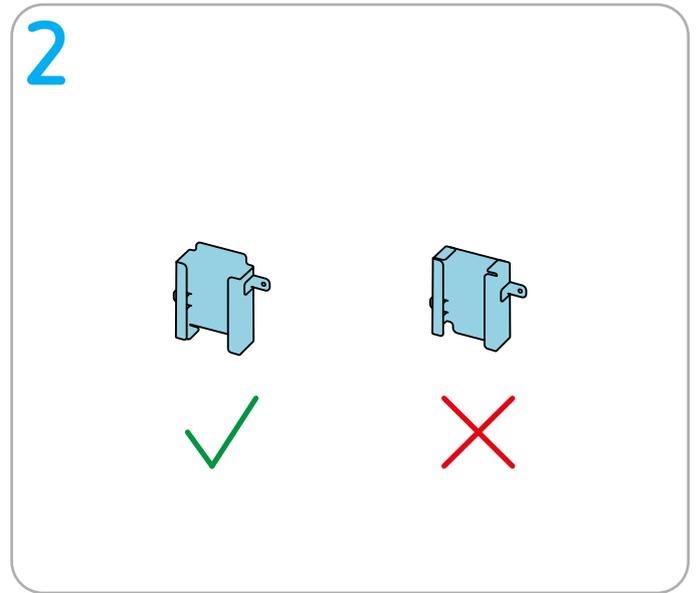
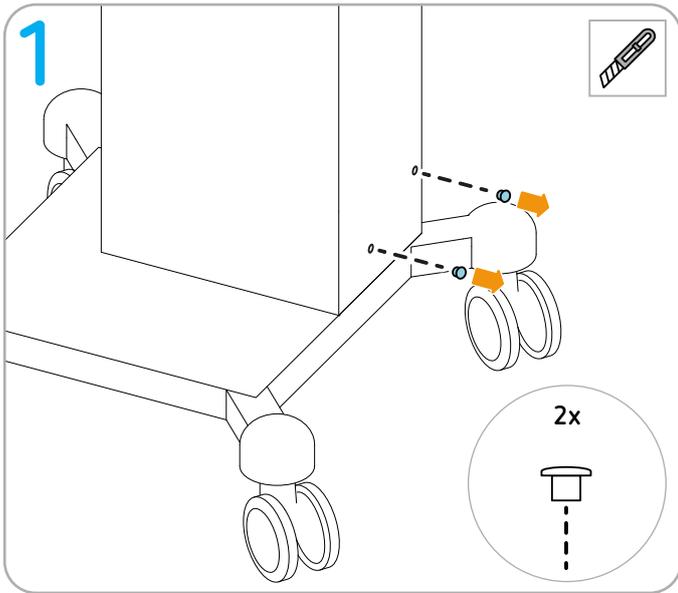
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## Tools required

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 Torque screwdriver (1 Nm) hex socket 2.5

 Cutter



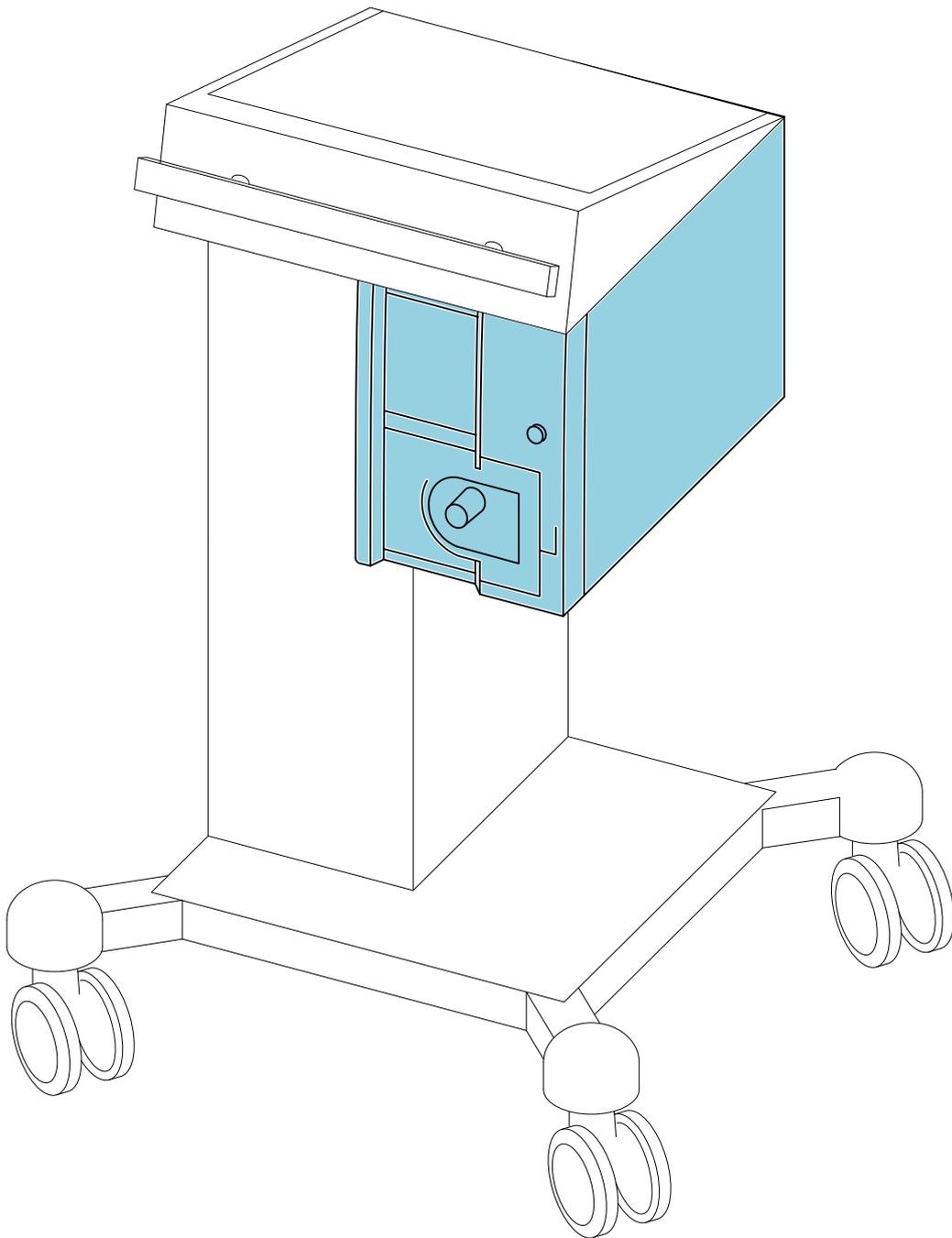


# Installing IES 3

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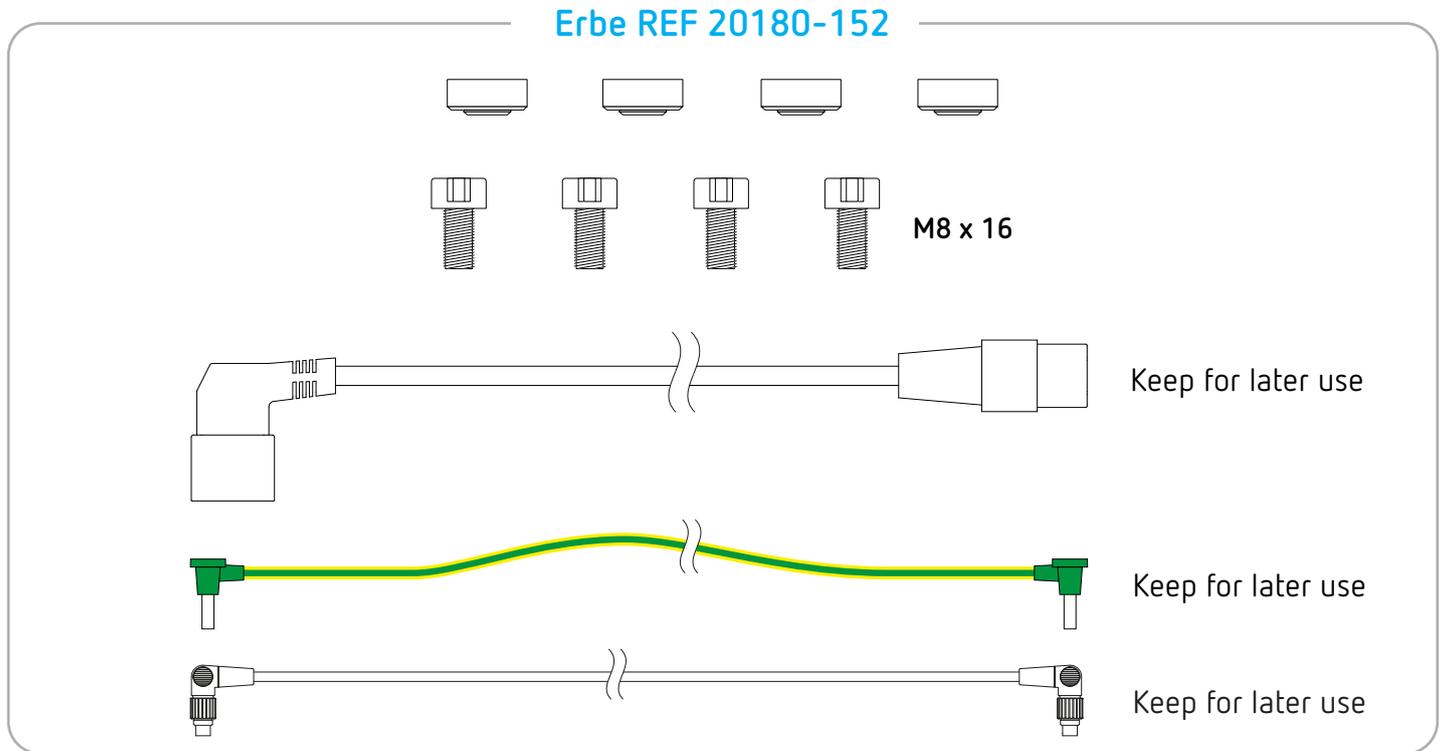
## Permitted positioning

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## Erbe fastening set

**IMPORTANT!** Only use original Erbe accessories.

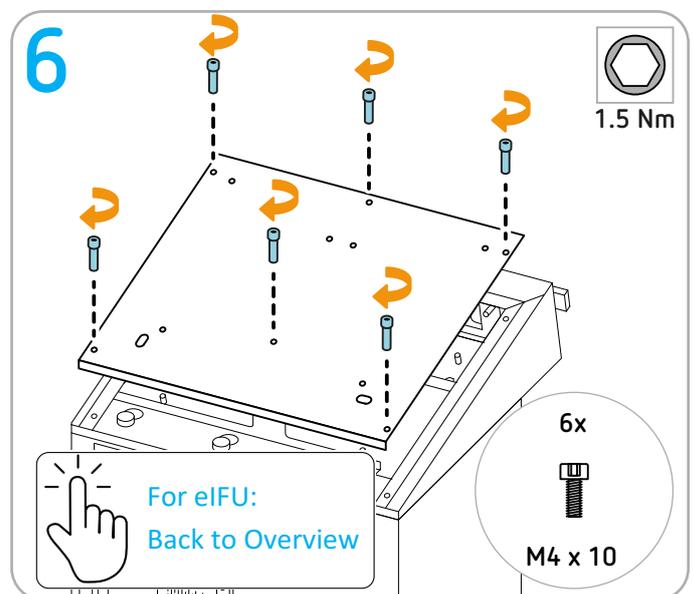
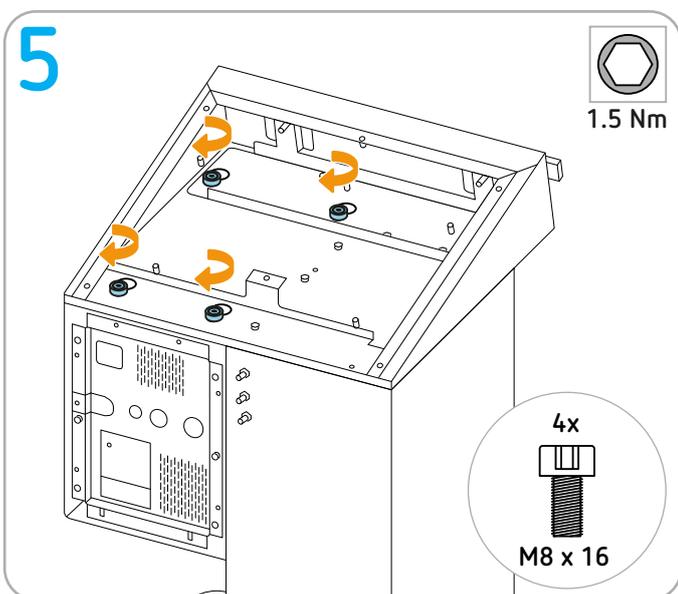
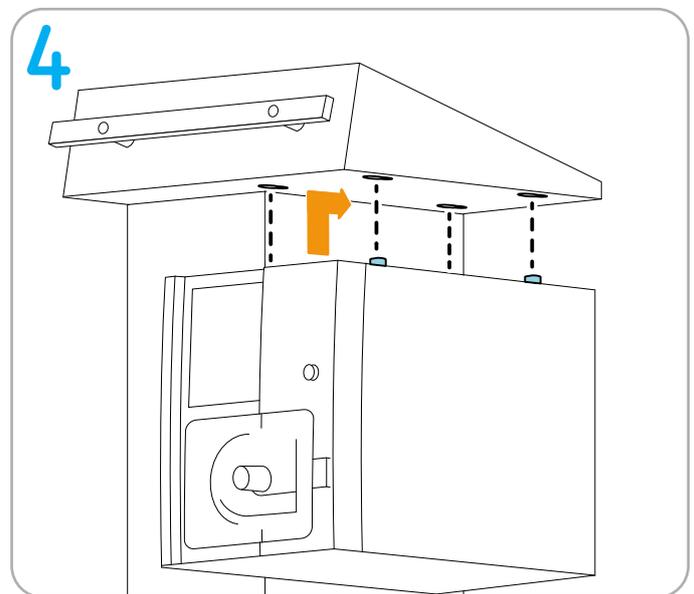
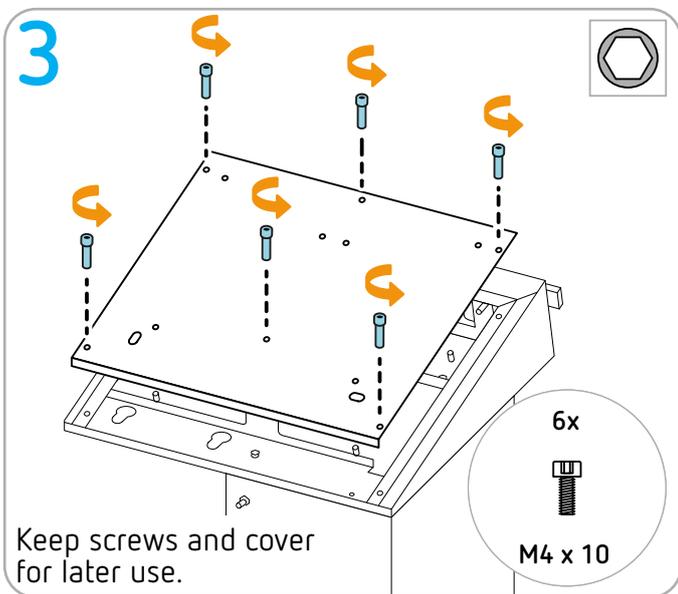
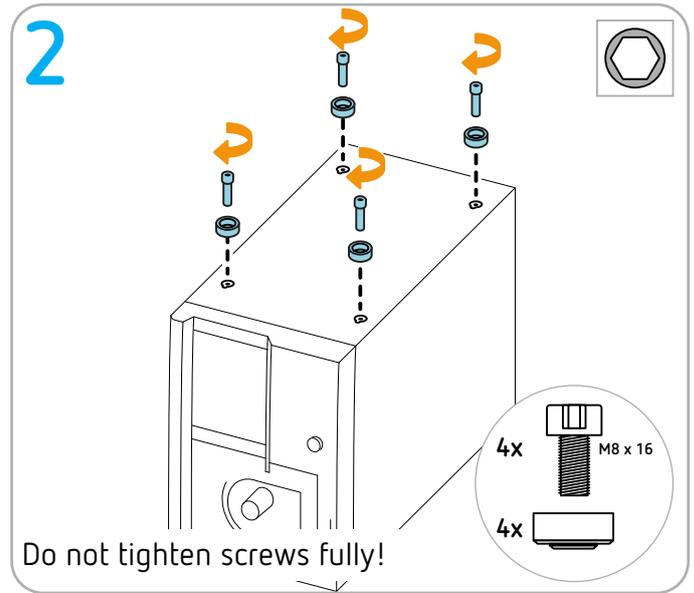
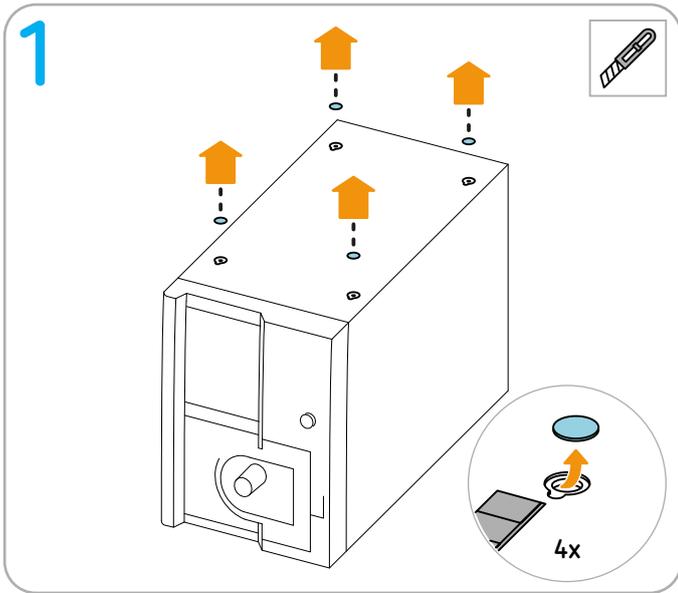


## Tools required

-  Torque screwdriver (1,5 Nm) hex socket 6
-  Torque screwdriver (1,5 Nm) hex socket 2,5
-  Cutter

## Preparation

**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.



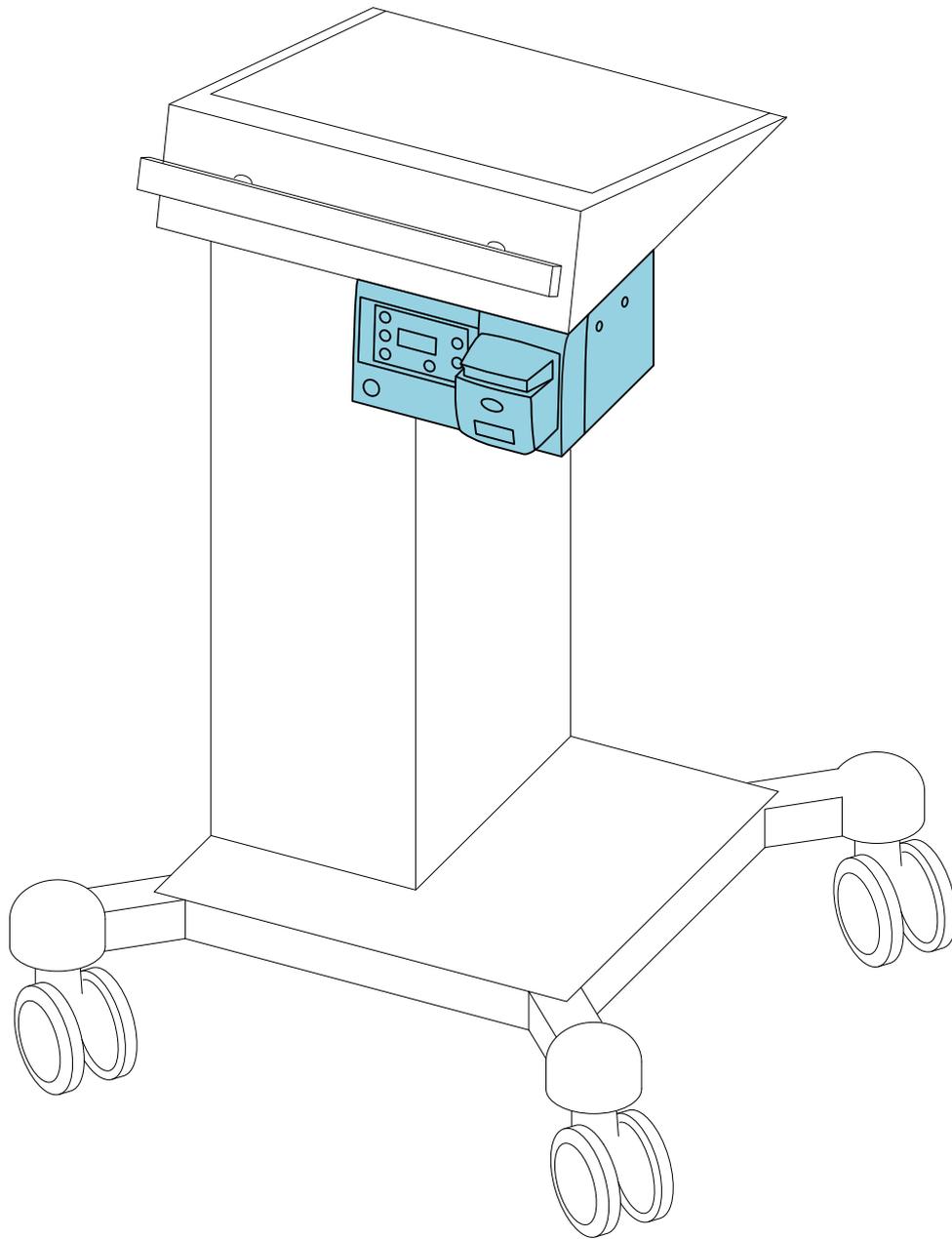


# Installing EIP 2

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## Permitted positioning

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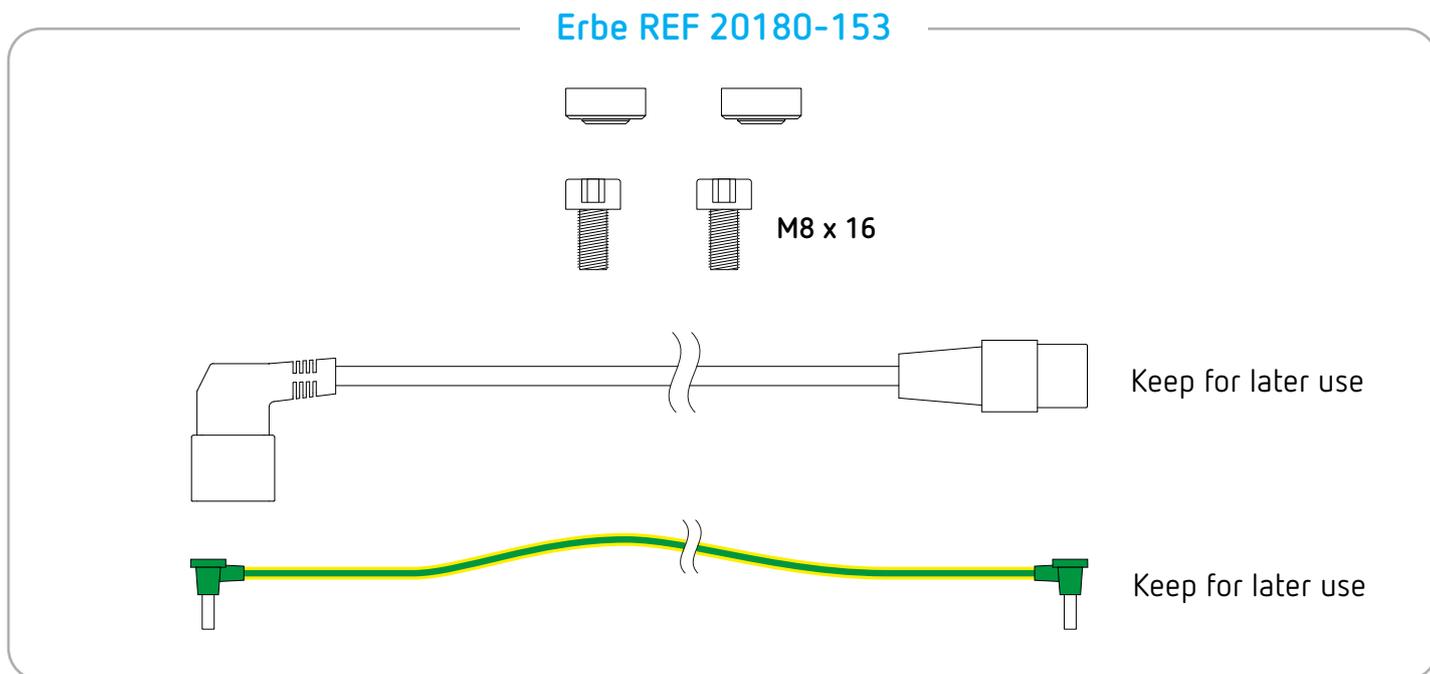


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## Erbe fastening set

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**IMPORTANT!** Only use original Erbe accessories.



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## Tools required

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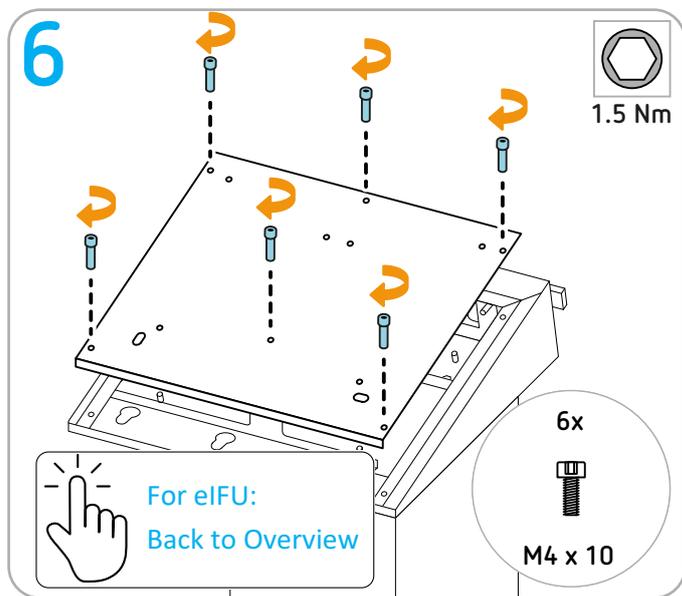
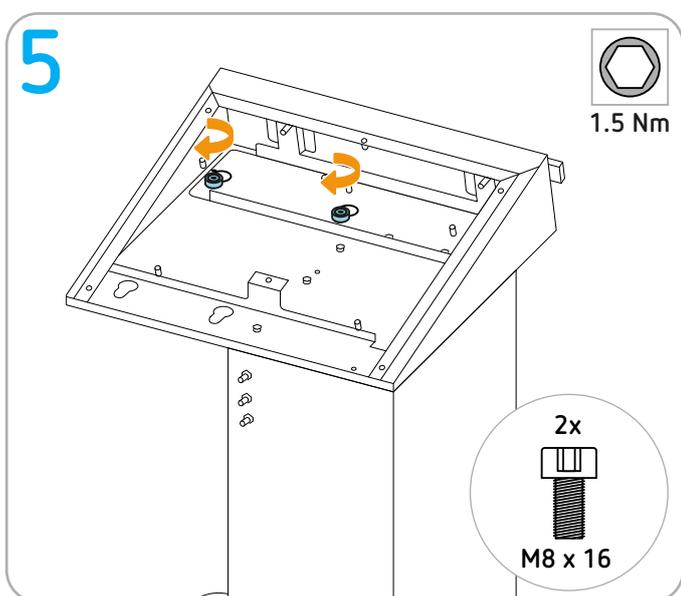
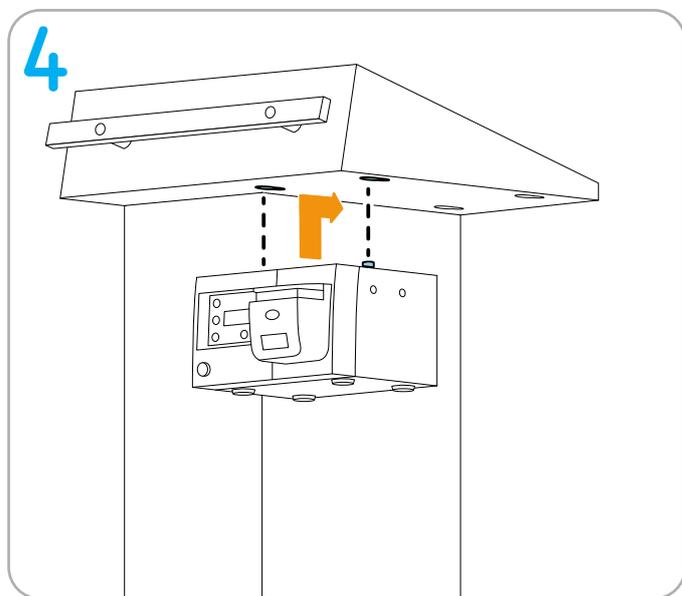
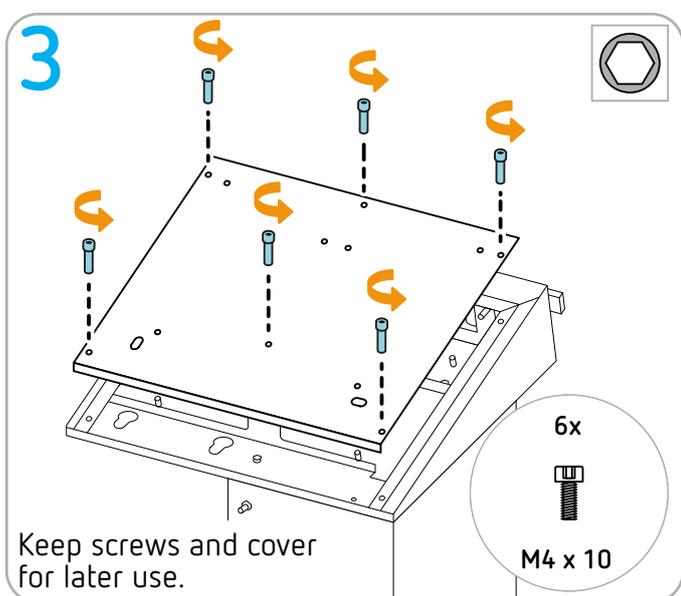
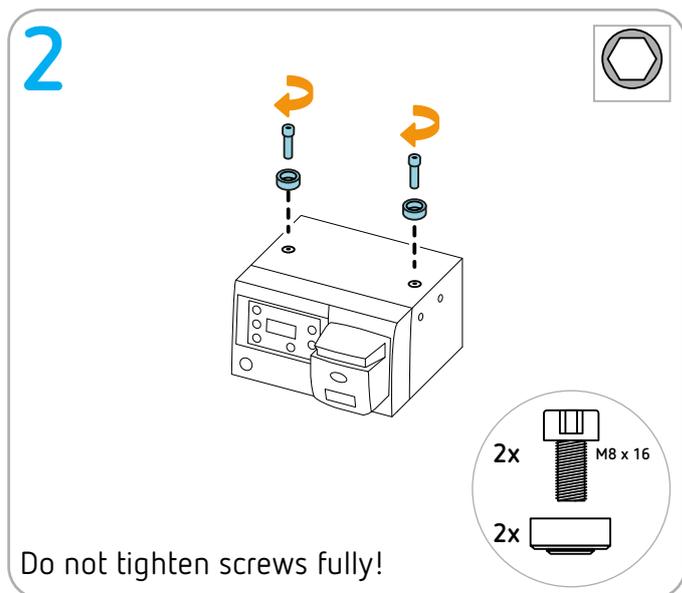
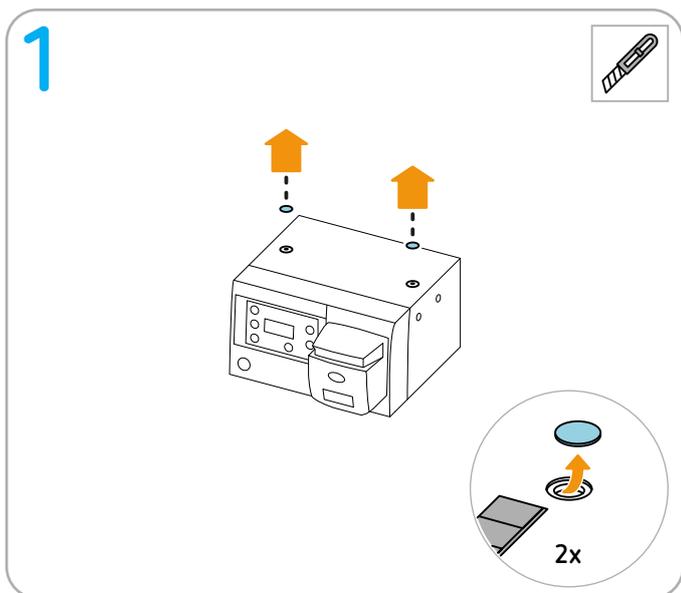
-  Torque screwdriver (1,5 Nm) hex socket 6
-  Torque screwdriver (1,5 Nm) hex socket 2,5
-  Cutter

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## Preparation

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**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.



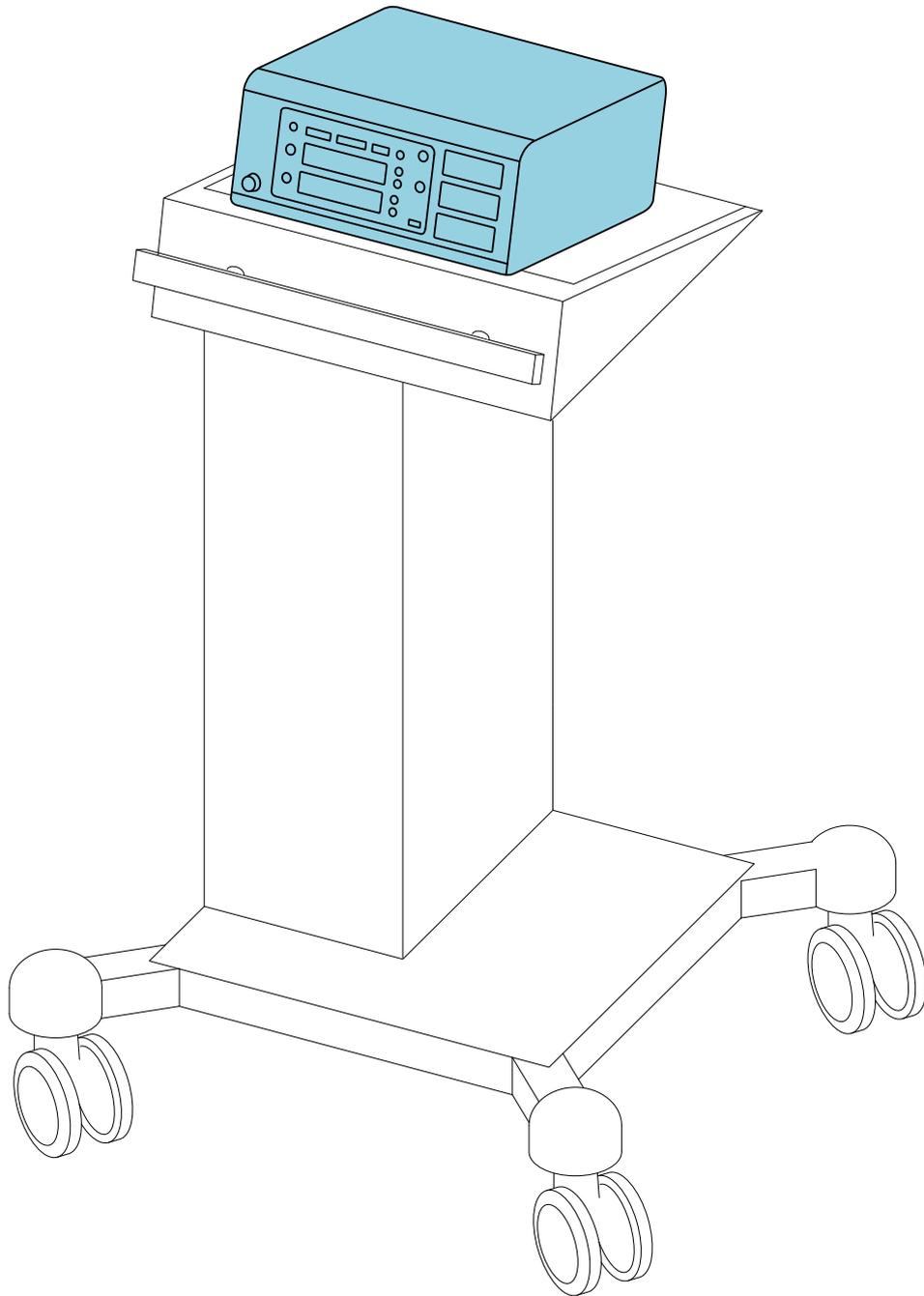


# Installing VIO C series

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## Permitted positioning

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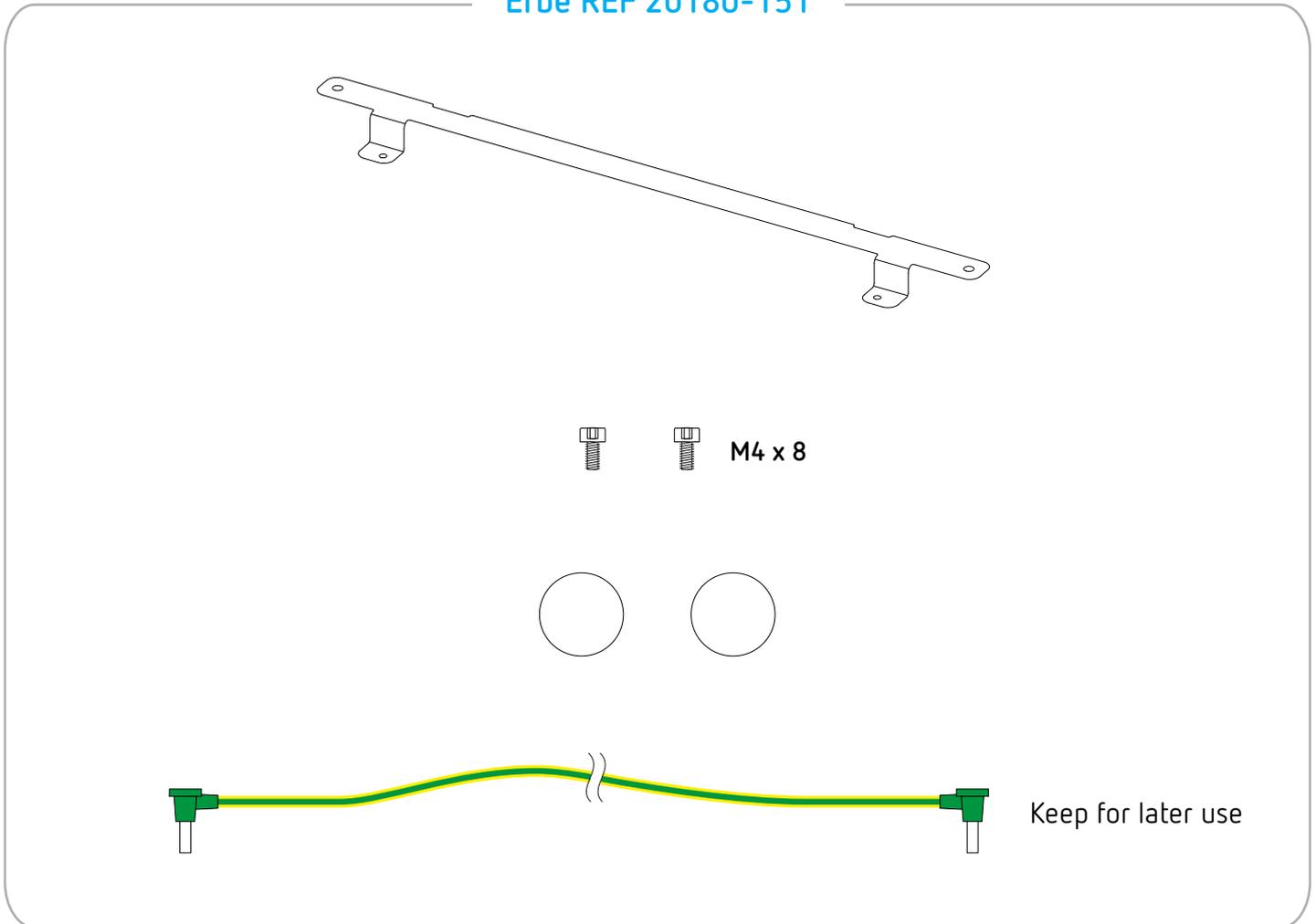
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## Erbe fastening set

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**IMPORTANT!** Only use original Erbe accessories.

Erbe REF 20180-151



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## Tools required

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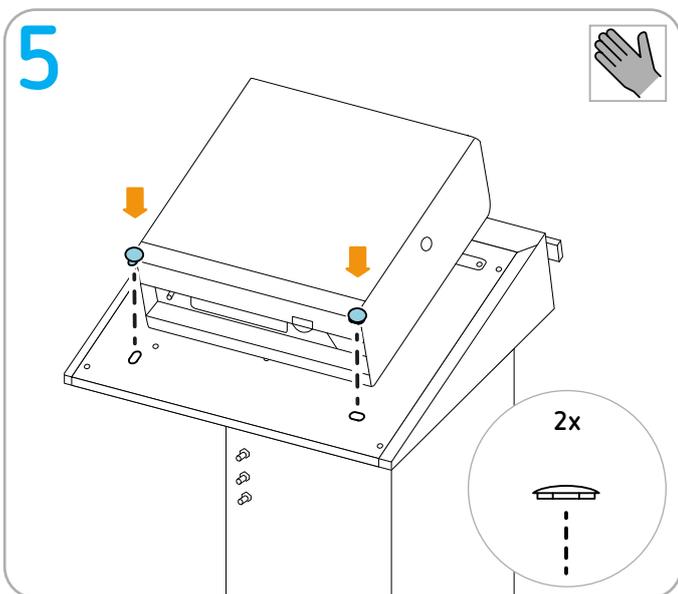
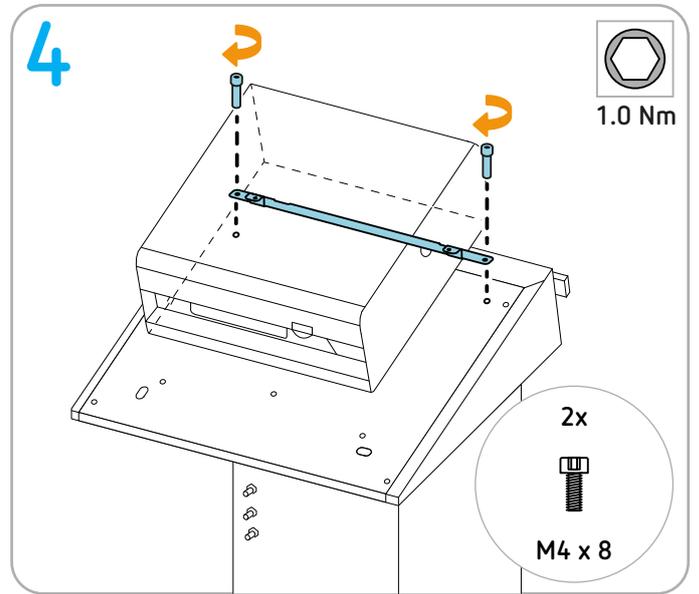
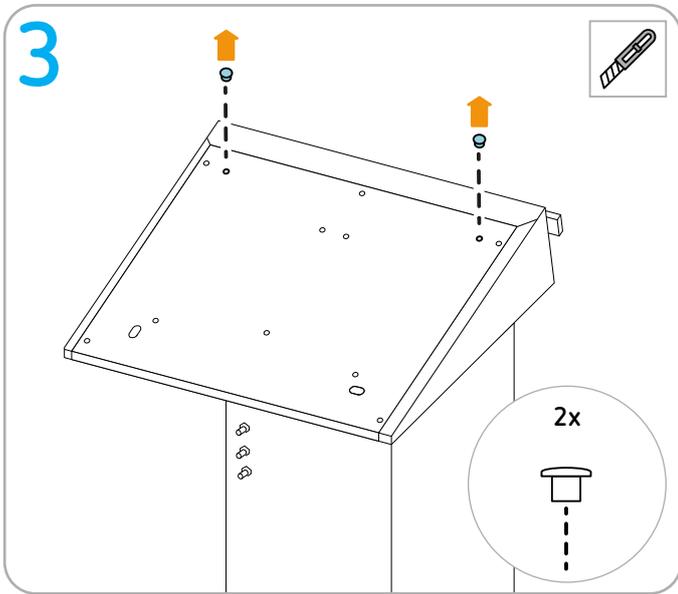
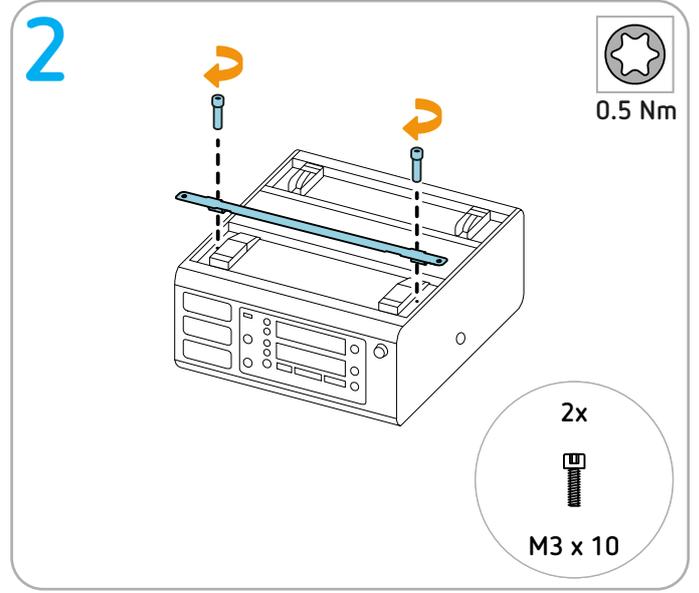
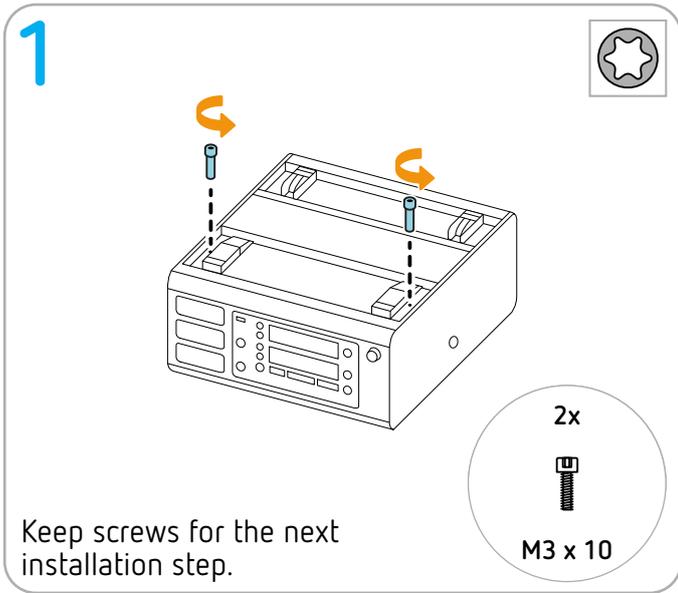
-  Torque screwdriver (1 Nm) hex socket 2.5
-  Torque screwdriver (0.5 Nm) Torx 10
-  Cutter

---

## Preparation

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**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.





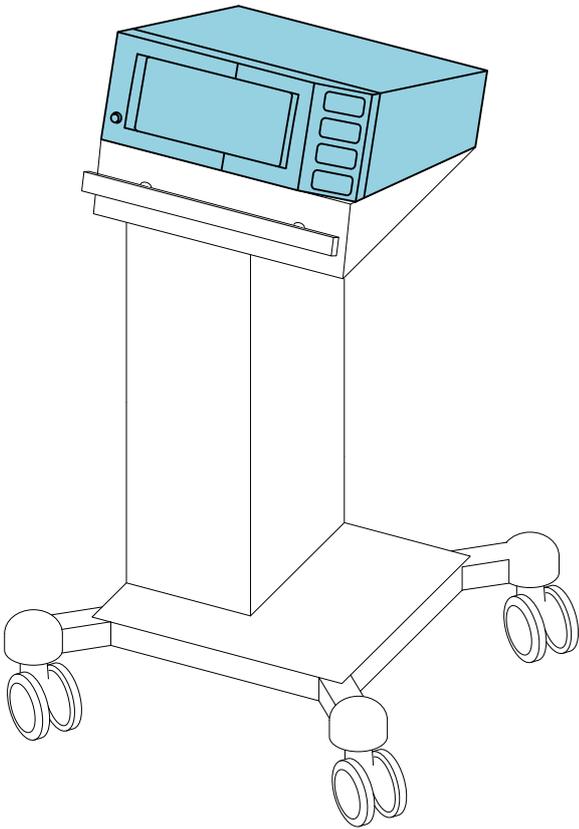
# Installing VIO S, VIO D or VIO 3 series

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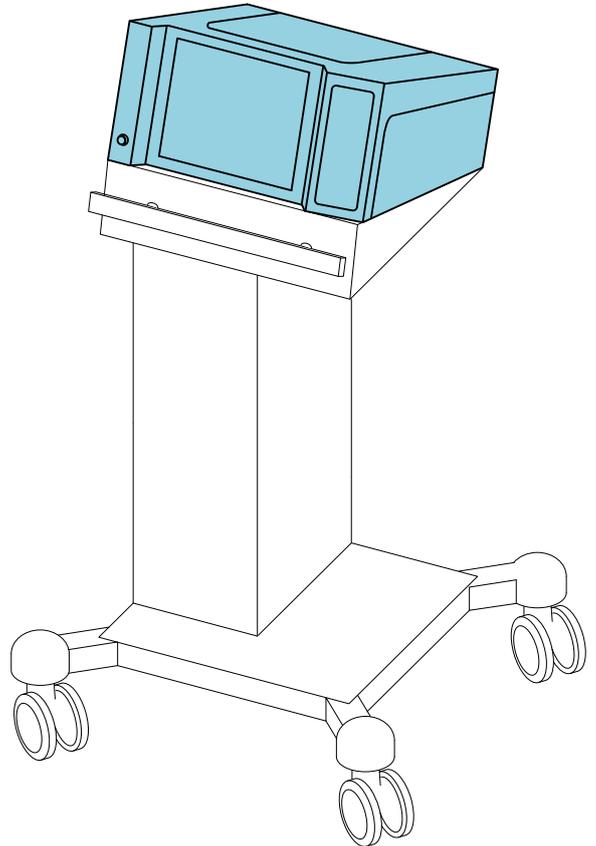
## Permitted positioning

---

VIO S series and  
VIO D series



VIO 3 and  
VIO 3n



## Erbe fastening set

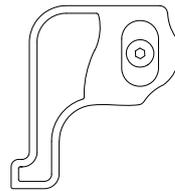
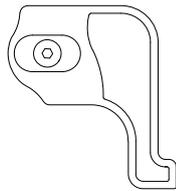
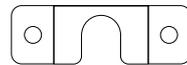
**IMPORTANT!** Only use original Erbe accessories.

**IMPORTANT!** Order the protective caps for the via of the units (see Step 1) separately as needed; they are not part of this fastening set 20180-150. Protective cap for VIO 3 via Erbe REF 40160-112 (1 item needed), protective cap for VIO S or VIO D via Erbe REF 40140-099 (2 items needed).

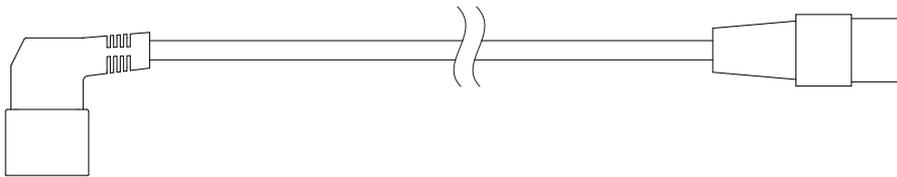
### Erbe REF 20180-150



M4 x 8



M4 x 16 screws included



Keep for later use



Keep for later use

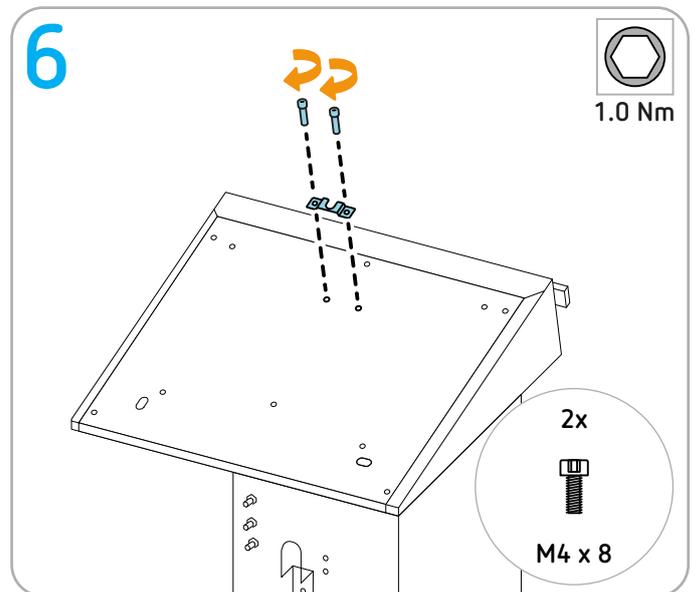
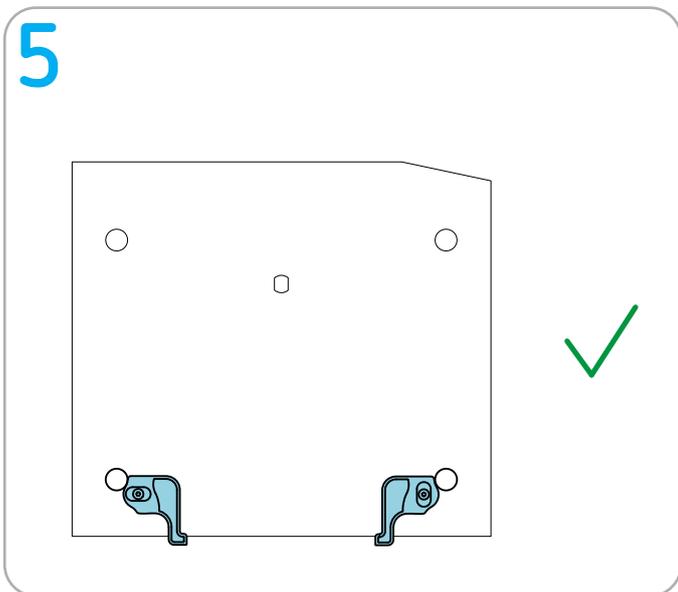
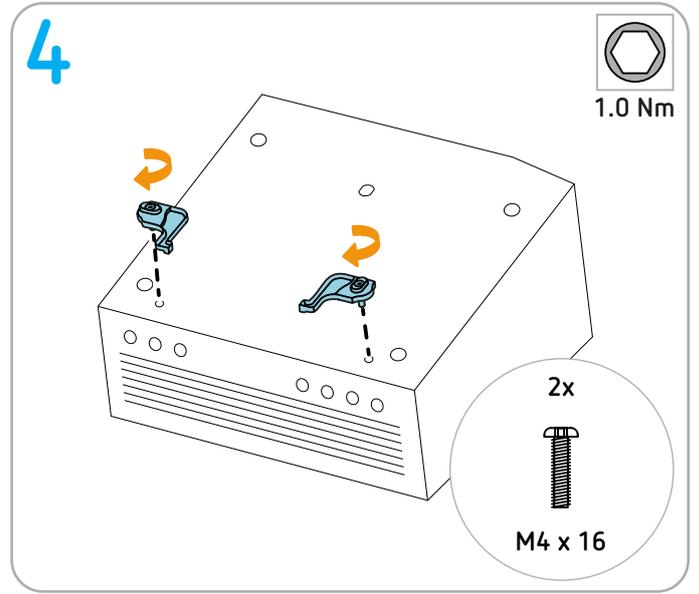
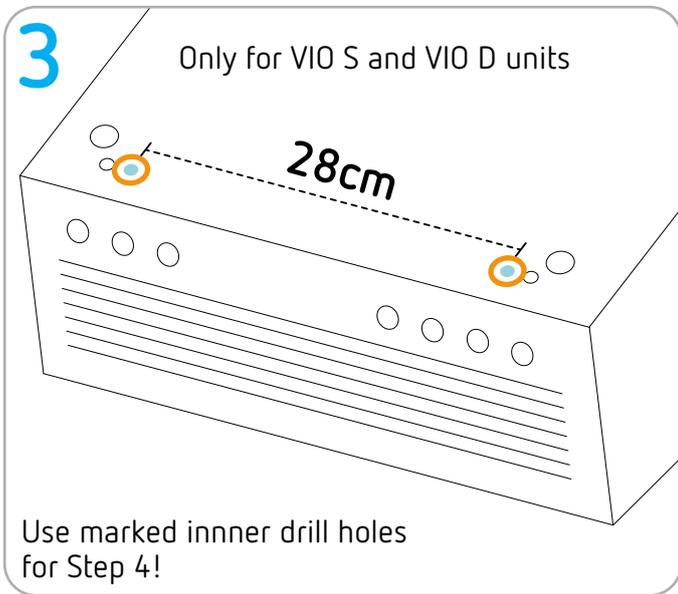
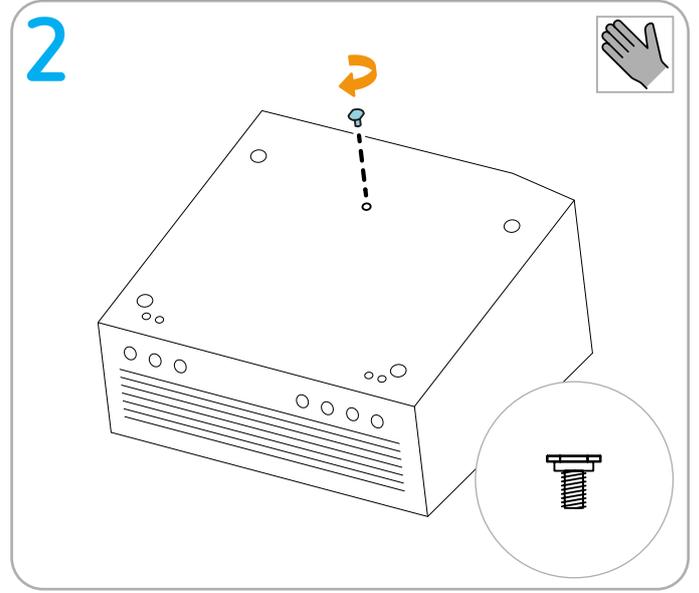
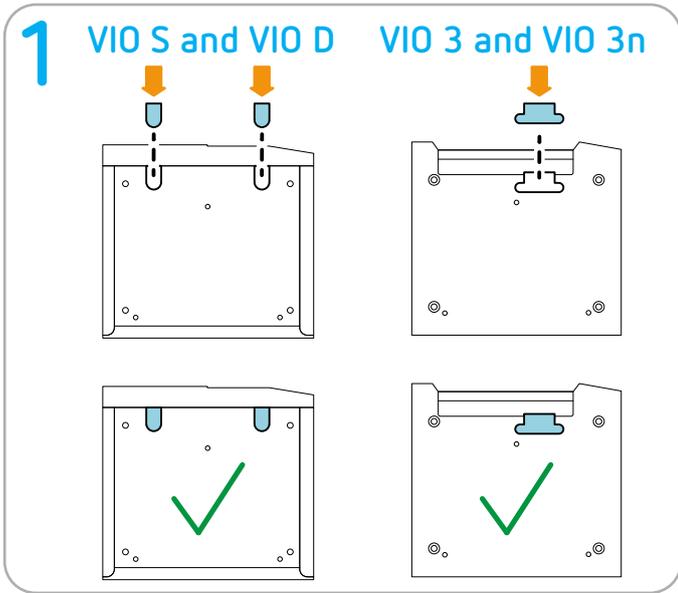
## Tools required



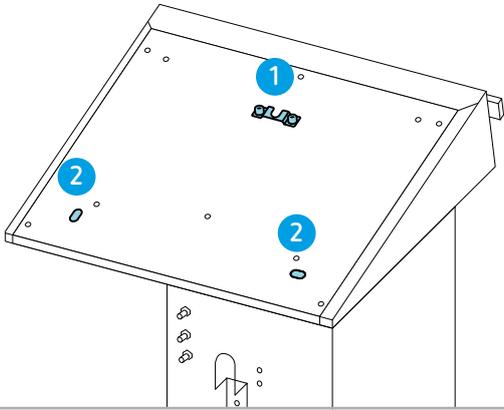
Torque screwdriver (1 Nm) hex socket 2.5

## Preparation

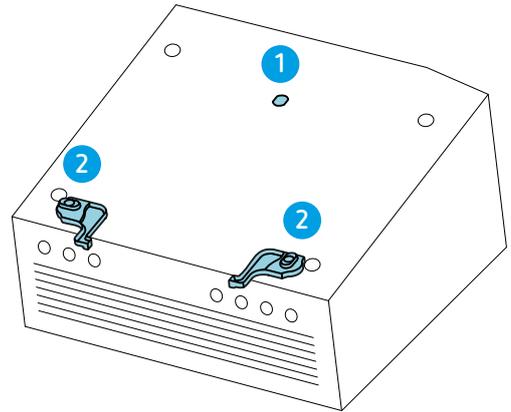
**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.



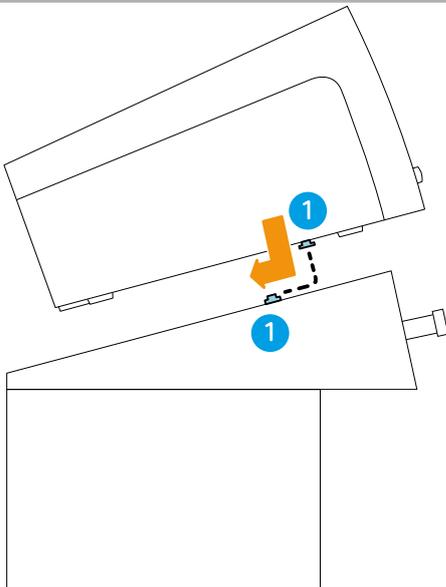
## 7 Attachment points on the system carrier



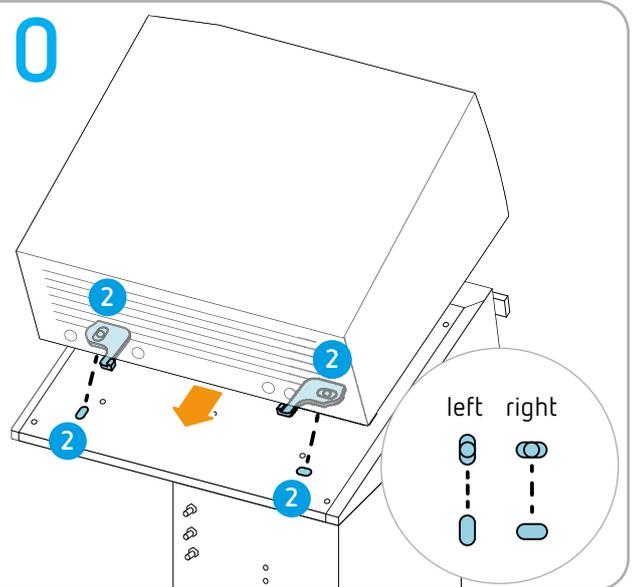
## 8 Attachment points on the unit



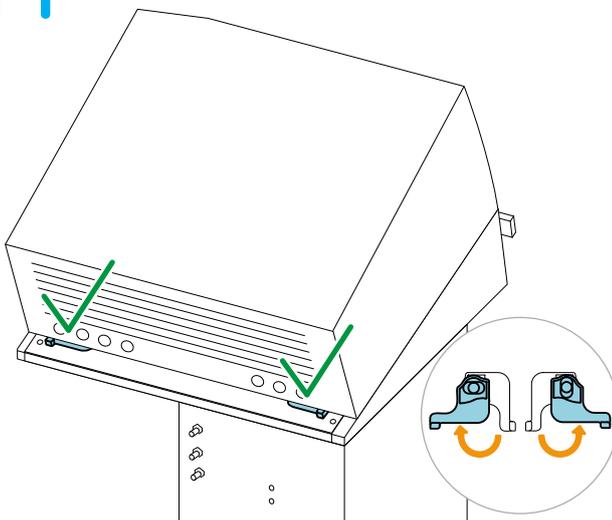
## 9



## 10



## 11

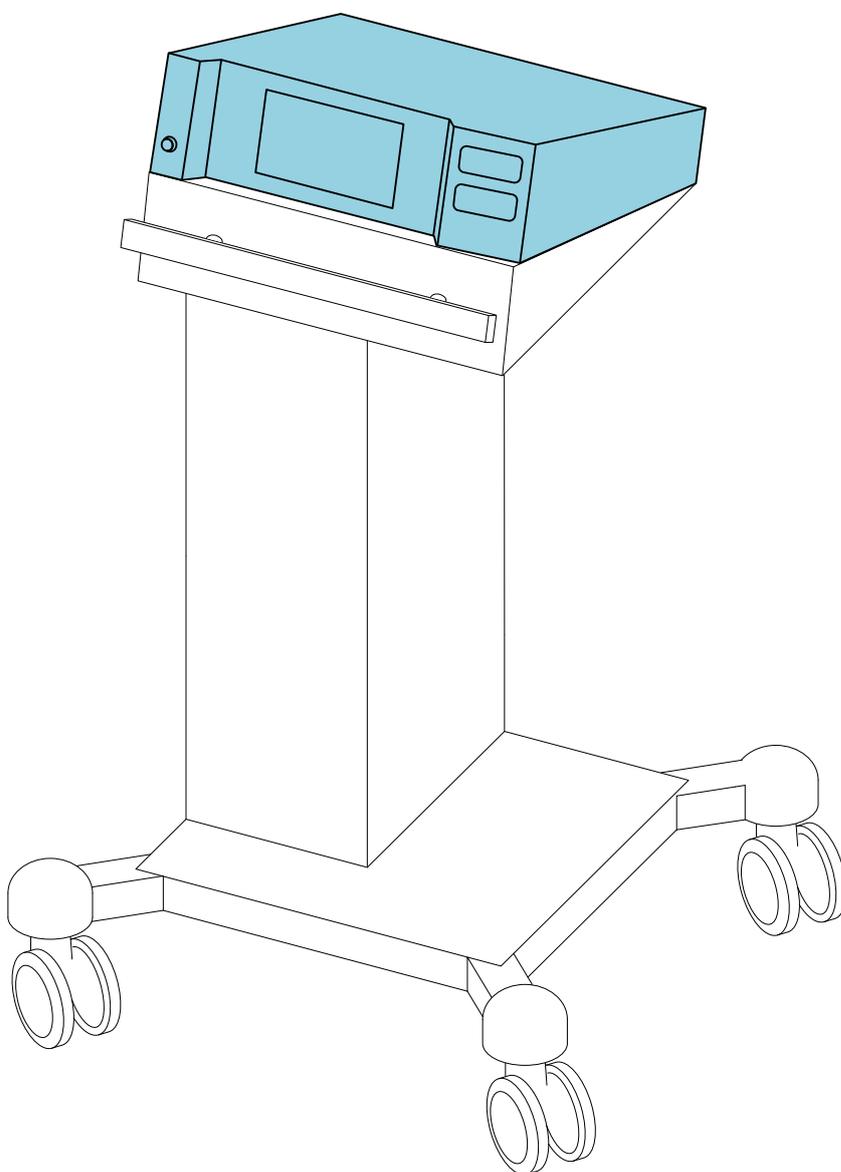


# Installing VIO seal

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## Permitted positioning

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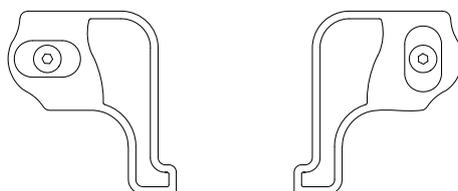
## Erbe fastening set

**IMPORTANT!** Only use original Erbe accessories.

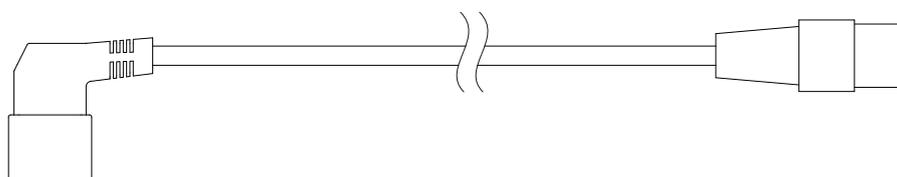
### Erbe REF 20180-150



M4 x 8



M4 x 16 screws included



Keep for later use



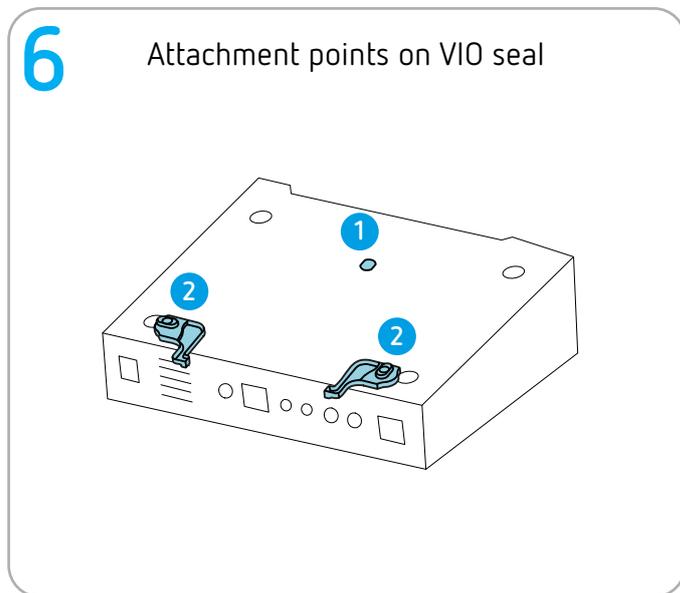
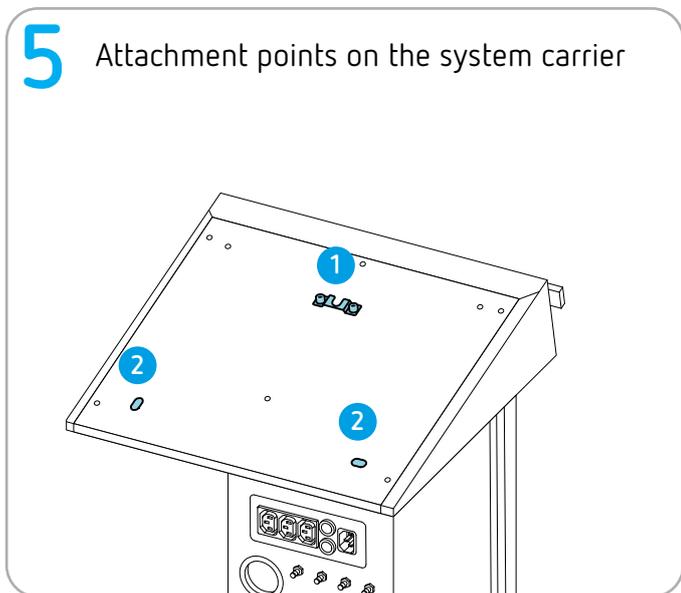
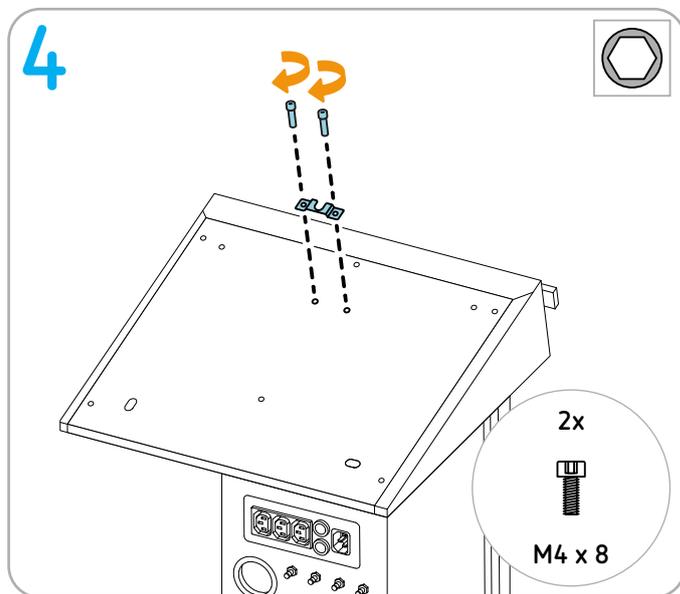
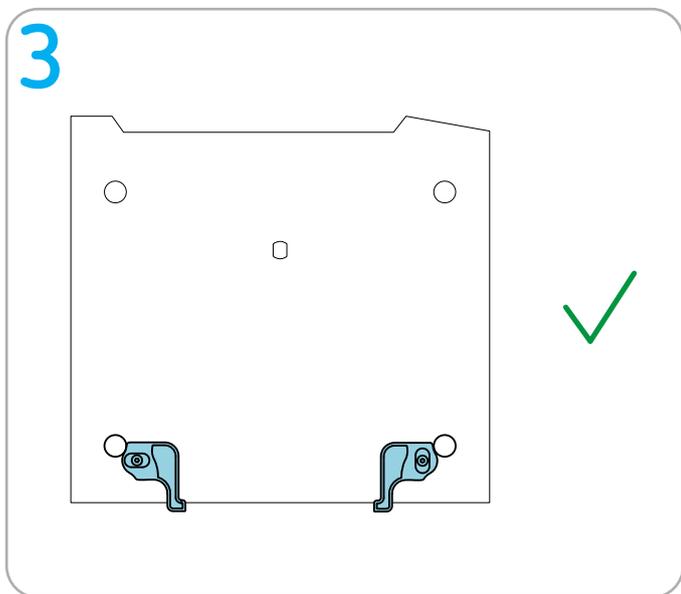
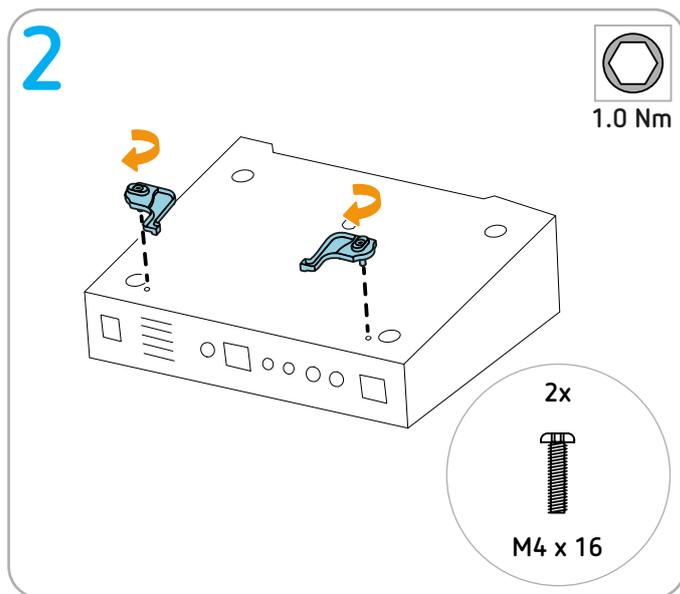
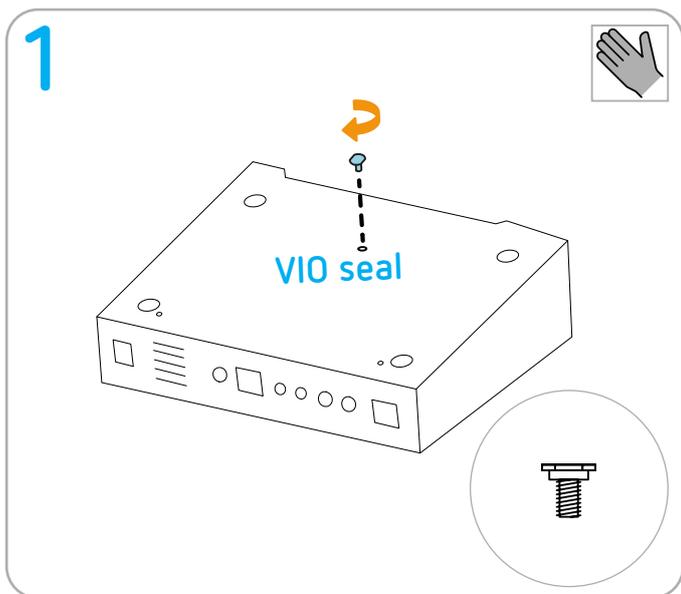
Keep for later use

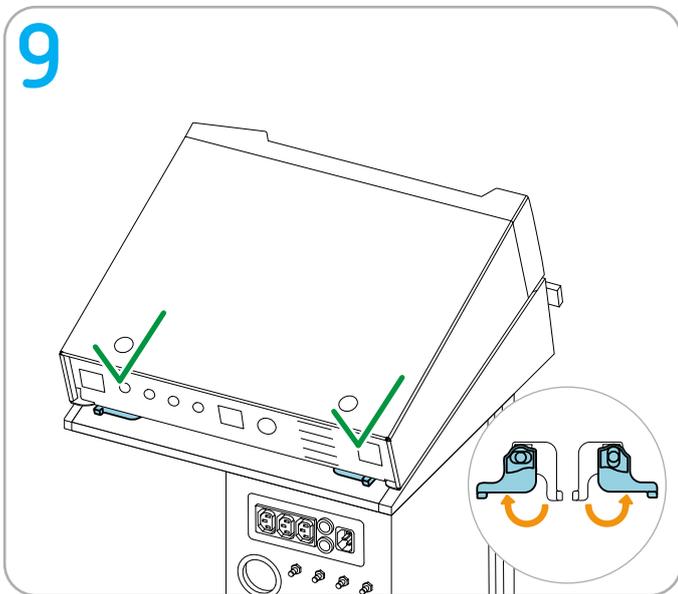
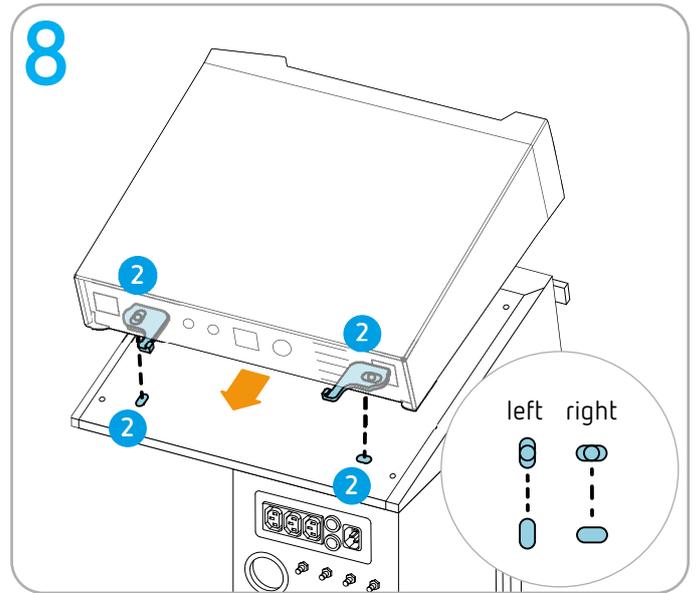
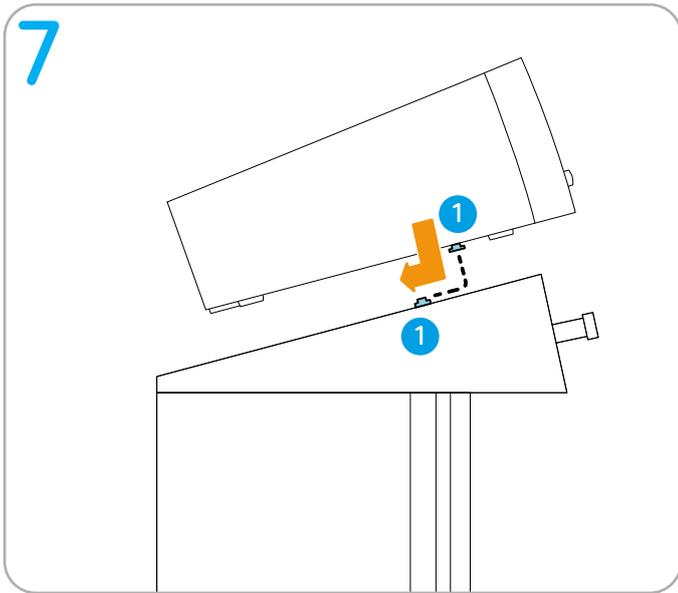
## Tools required

-  Torque screwdriver (1 Nm) hex socket 2.5

## Preparation

**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.





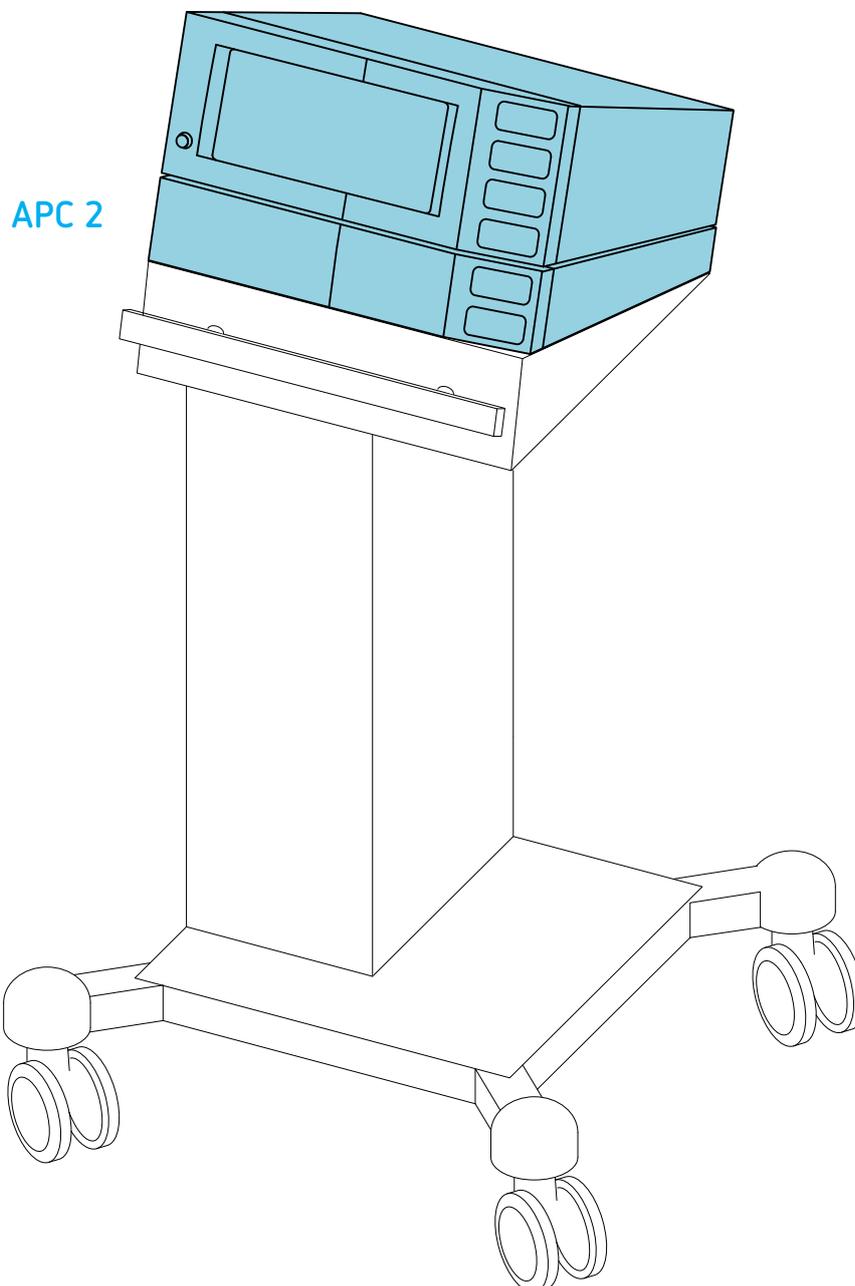
# Only compact plus: Installing APC 2 and VIO S or VIO D series

---

## Permitted positioning

---

VIO S series and VIO D series



---

## Tools required

---

 Hex socket 2.5

---

## Preparation

---

**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.

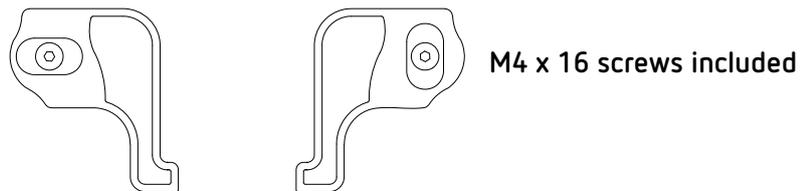
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## Erbe fastening sets

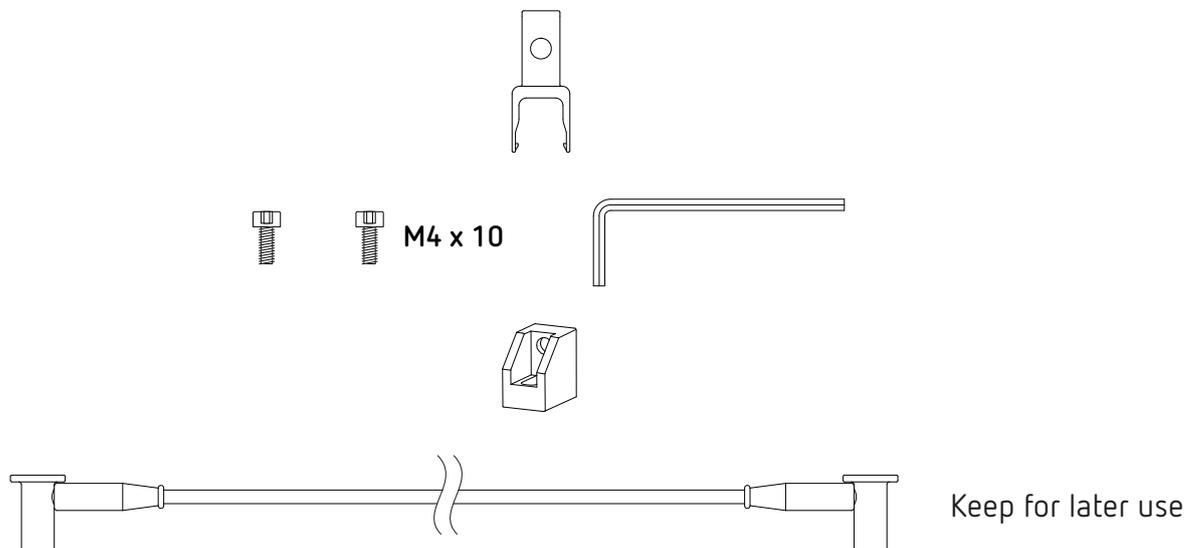
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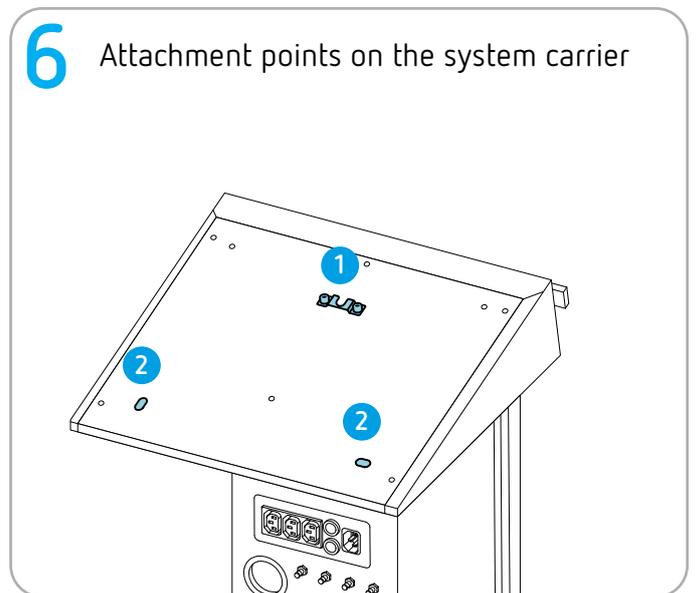
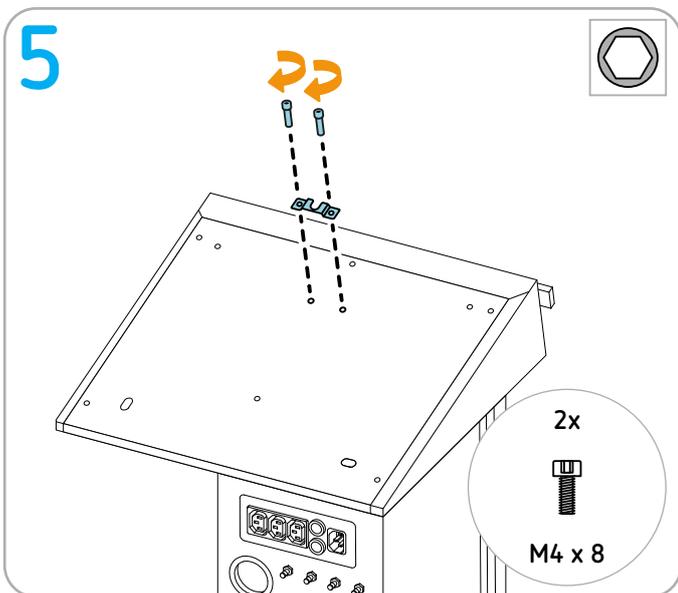
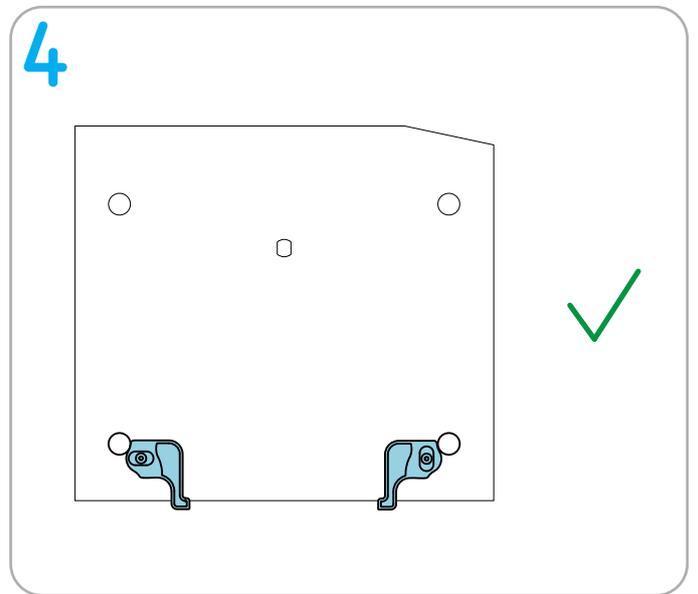
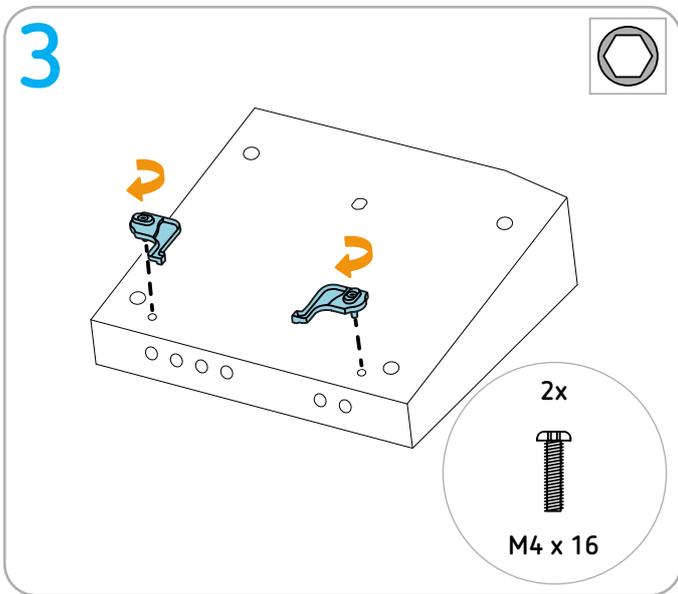
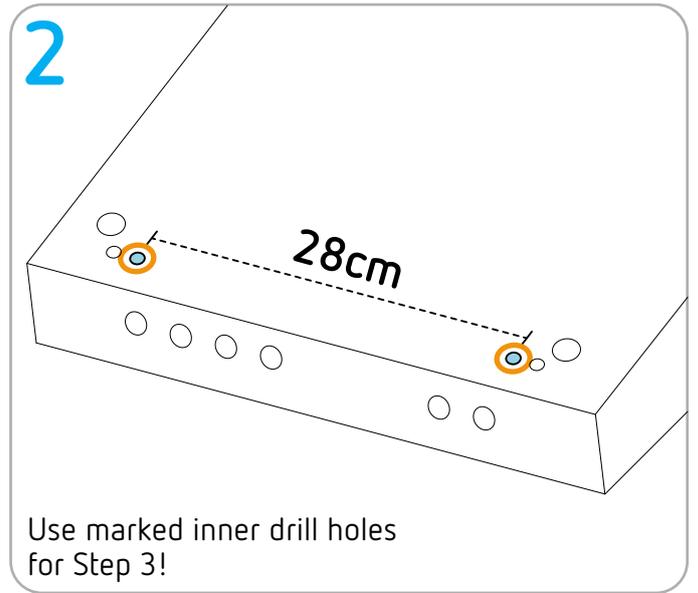
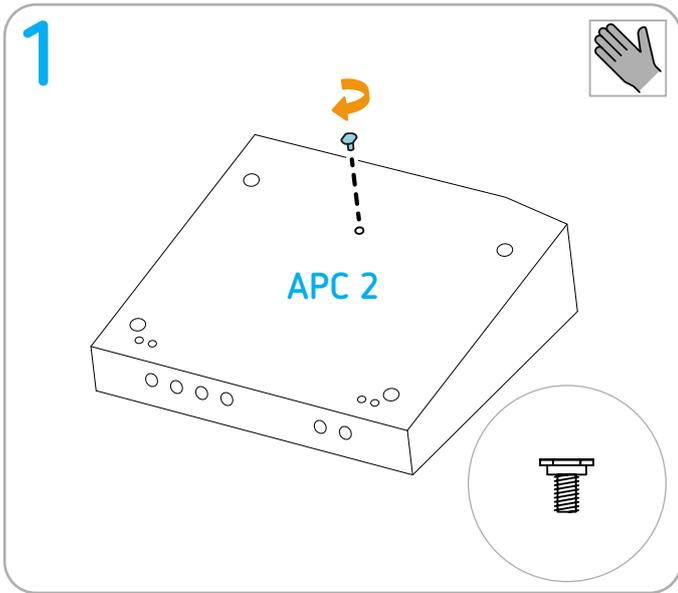
**IMPORTANT!** Only use original Erbe accessories.

**Fastening set for APC on system carrier**  
**Erbe REF 20180-150**

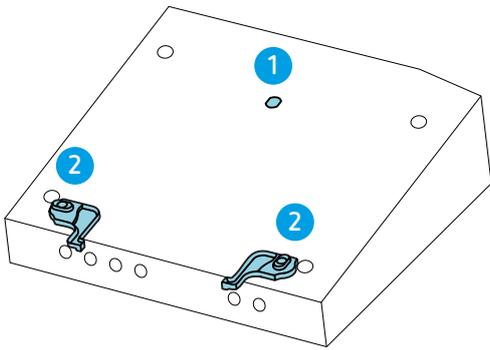


**Fastening set for VIO on APC  
Erbe REF 20180-134**

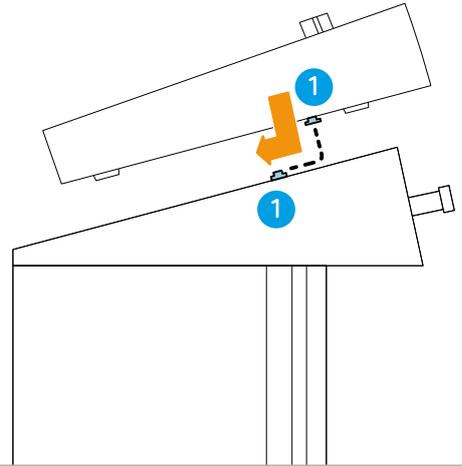




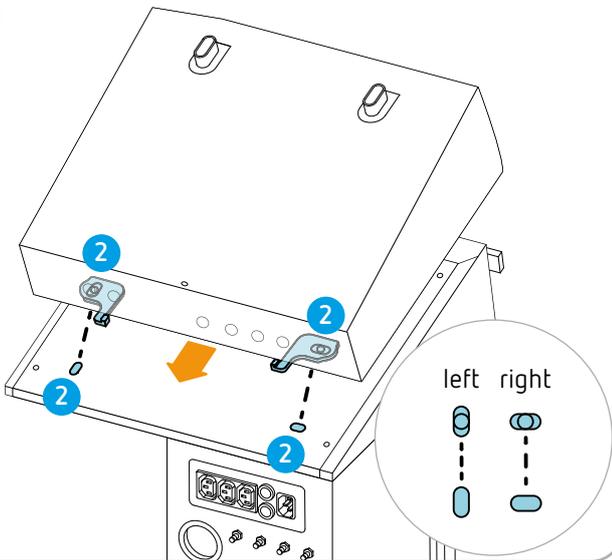
# 7 Attachment points on the unit



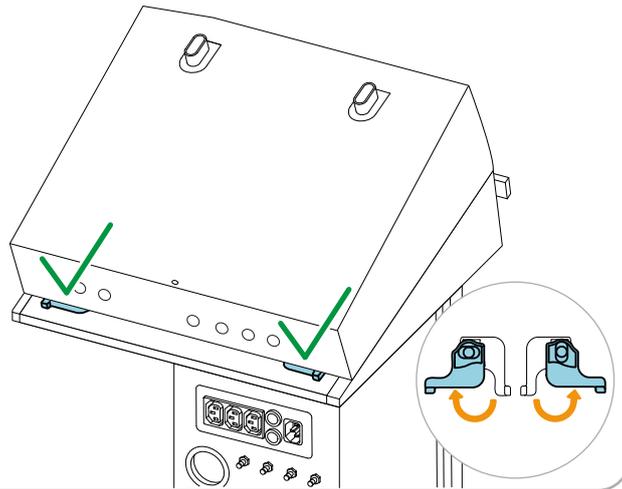
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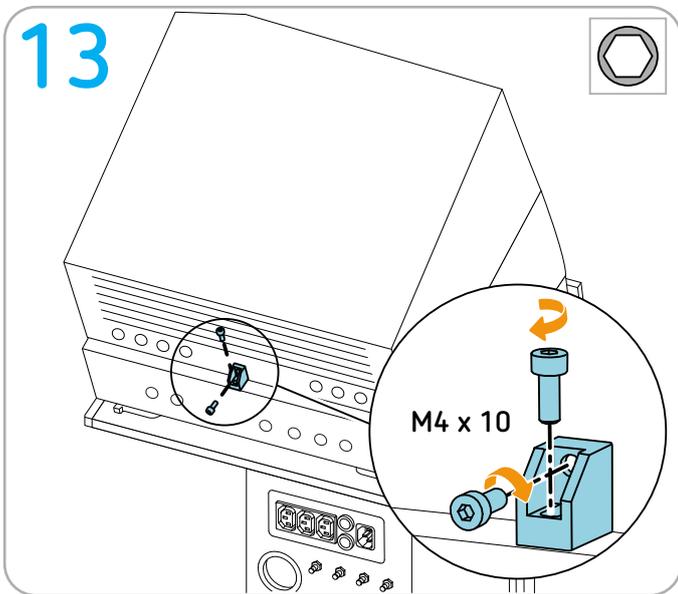
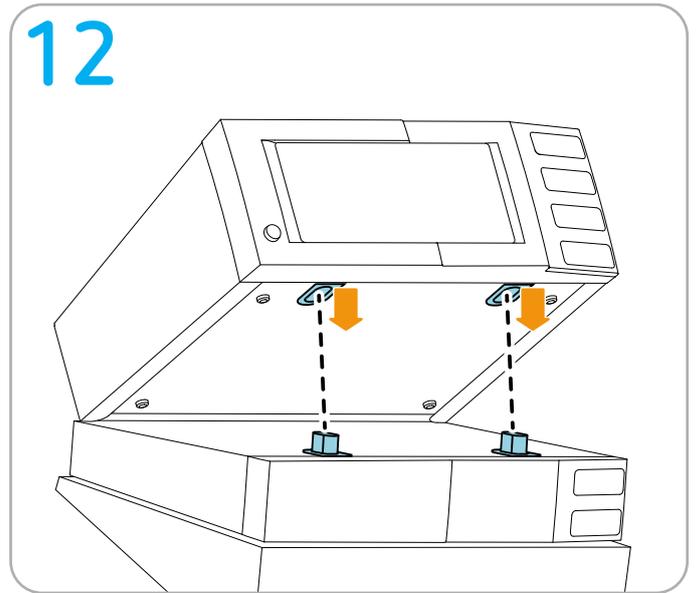
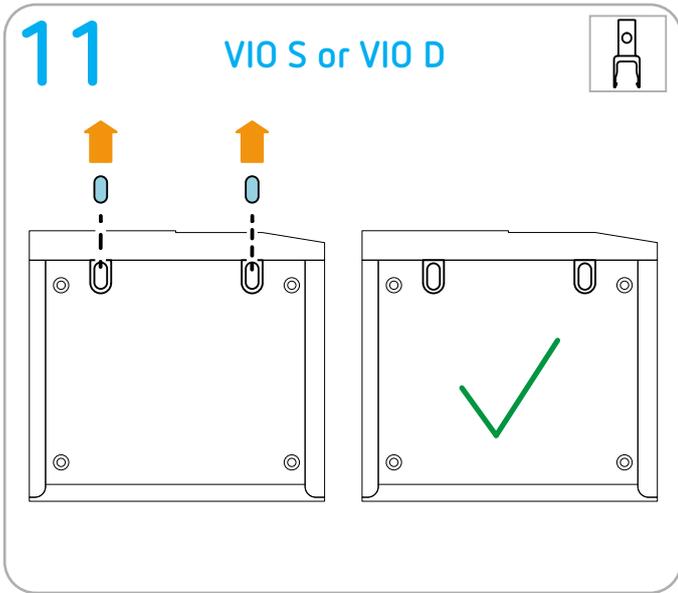
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# 10



Continue to next page

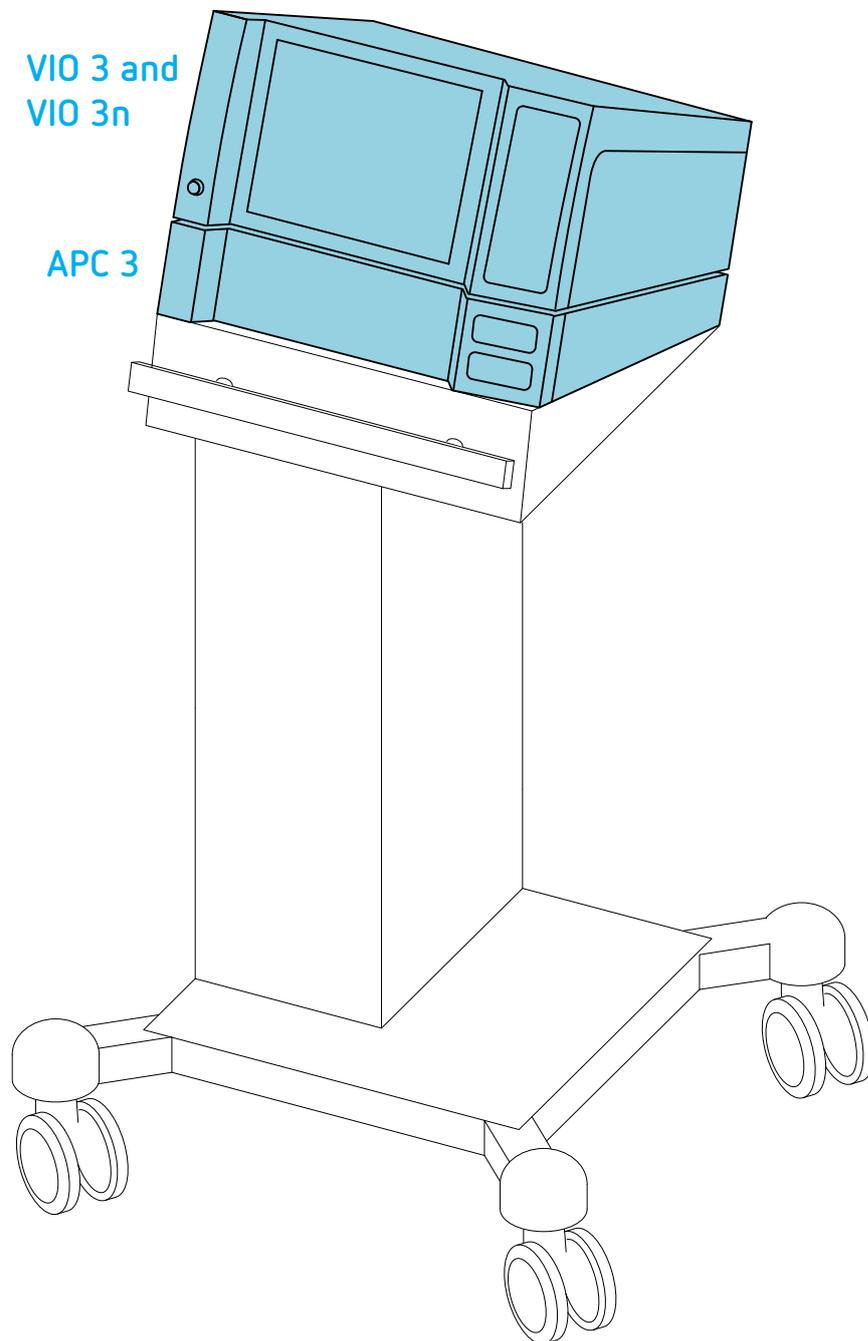


# Only compact plus: Installing APC 3 and VIO 3 series

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## Permitted positioning

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## Tools required

---

 Hex socket 2.5

---

## Preparation

---

**IMPORTANT!** Before installing the units on the system carrier, remove all cables, tubing, and instruments.

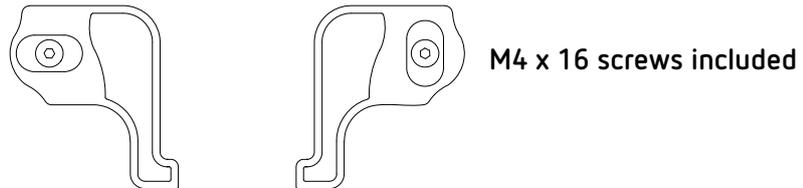
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## Erbe fastening sets

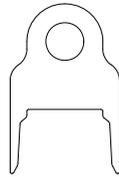
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**IMPORTANT!** Only use original Erbe accessories.

**Fastening set for APC on system carrier**  
**Erbe REF 20180-150**



**Fastening set for VIO on APC: Erbe REF 30135-030**  
**Bracket: Erbe REF 40160-065**



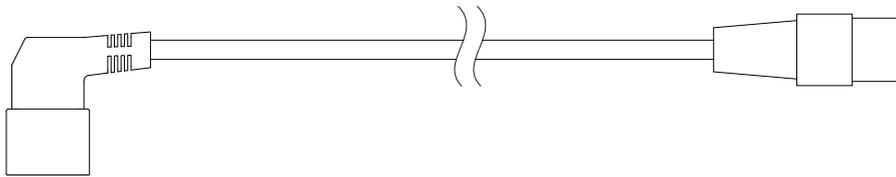
**M4 x 8**



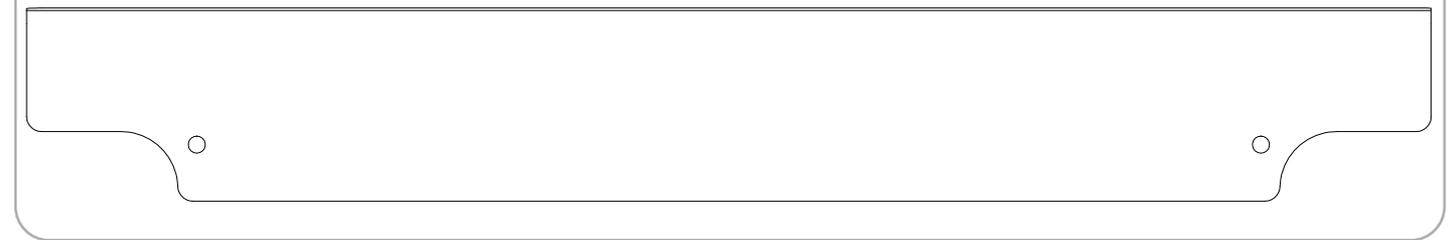
**M4 x 16**

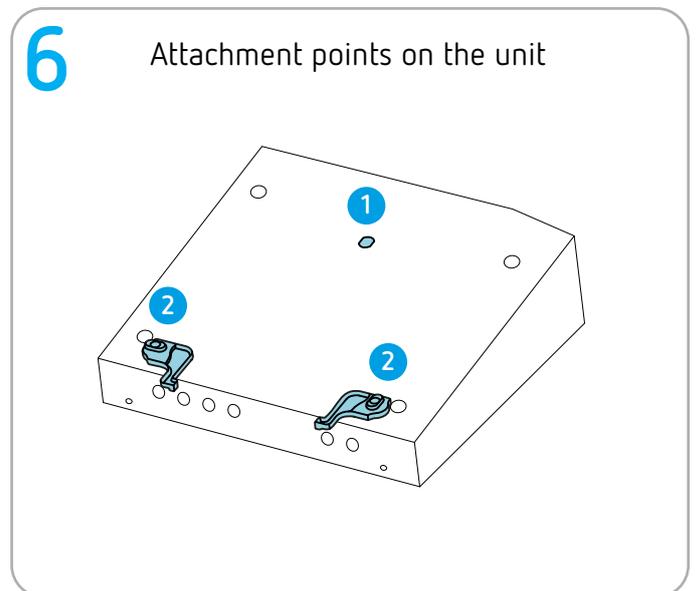
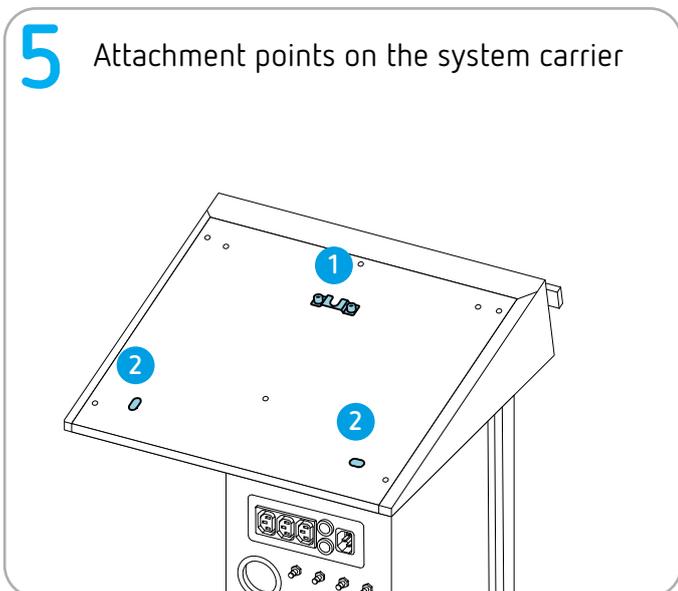
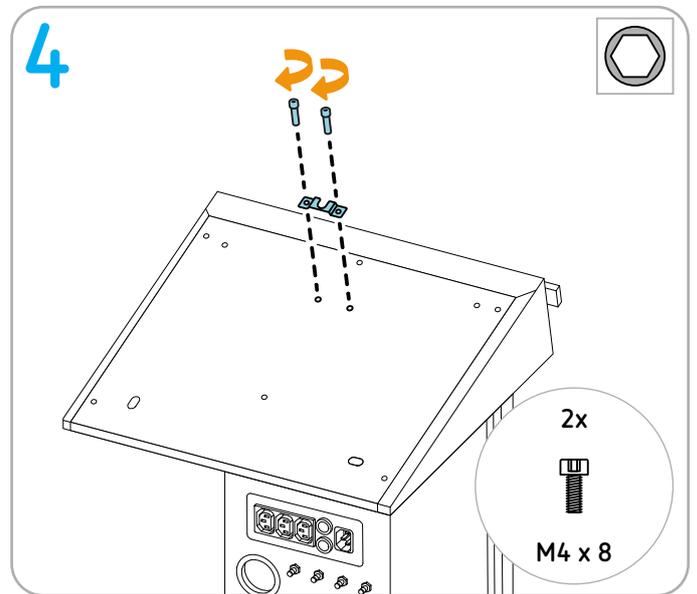
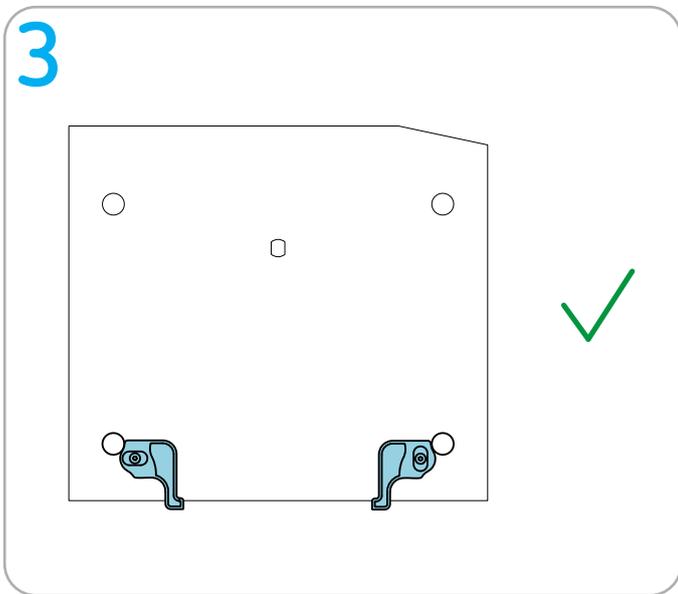
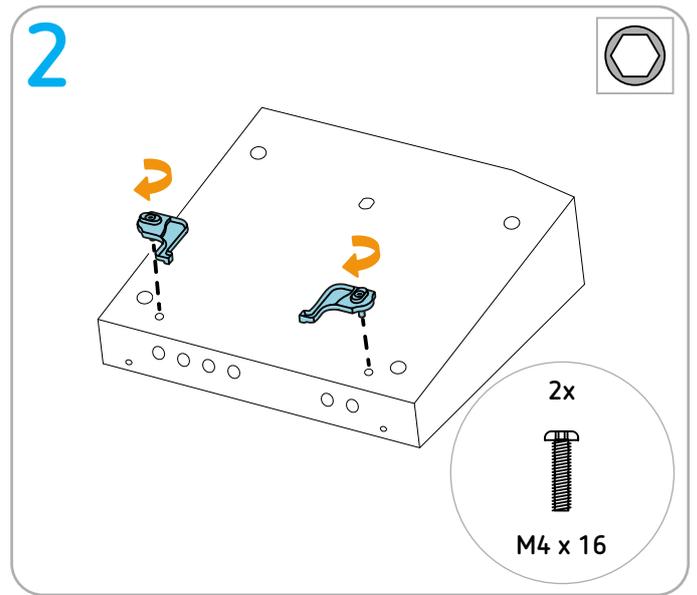
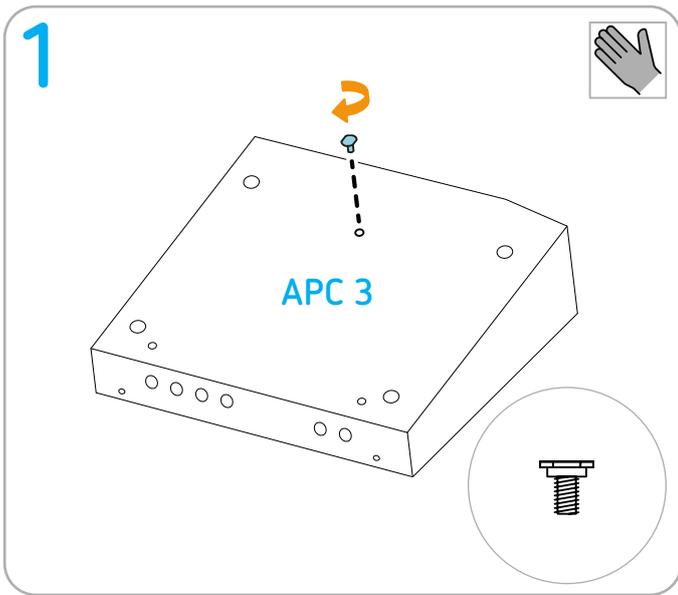


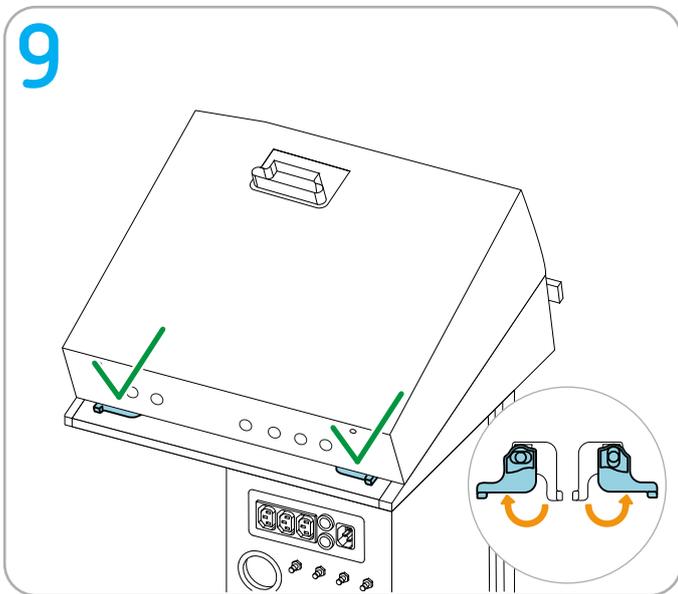
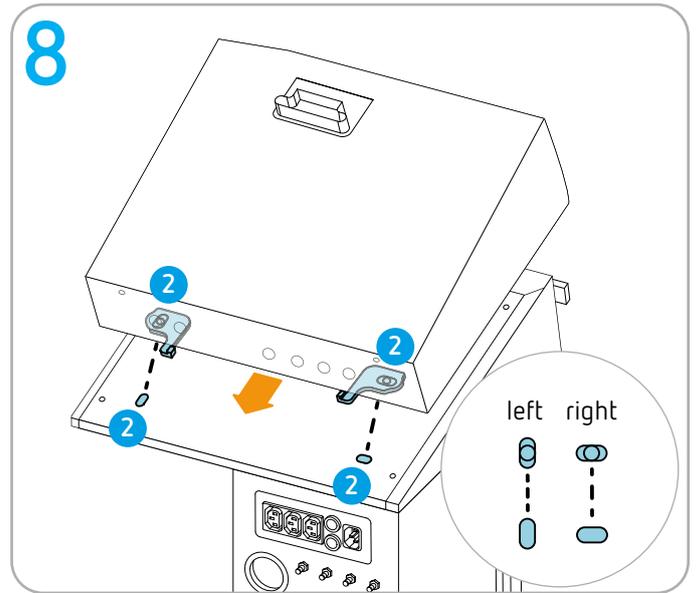
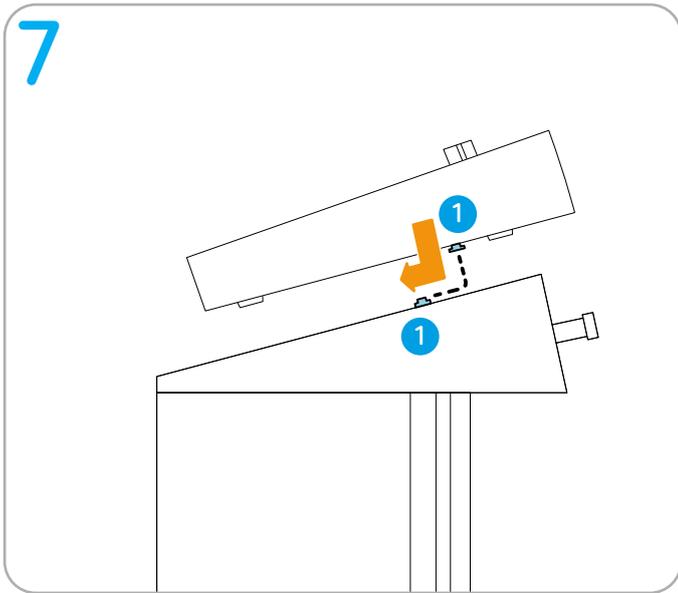
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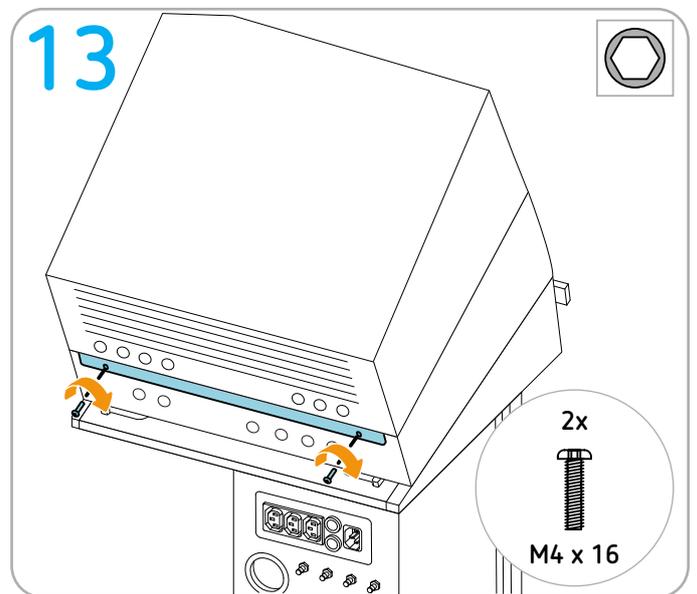
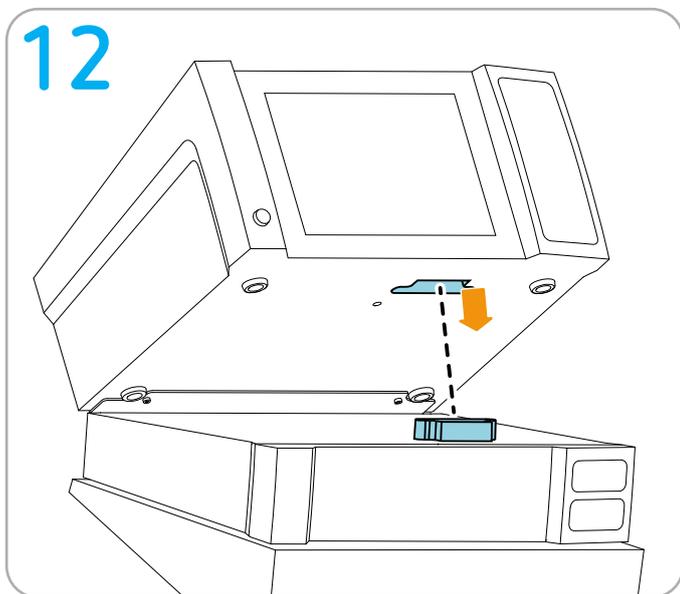
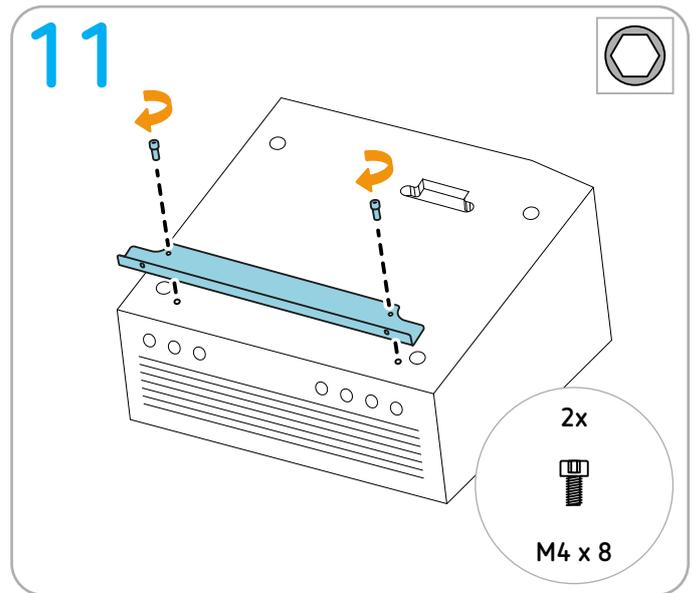
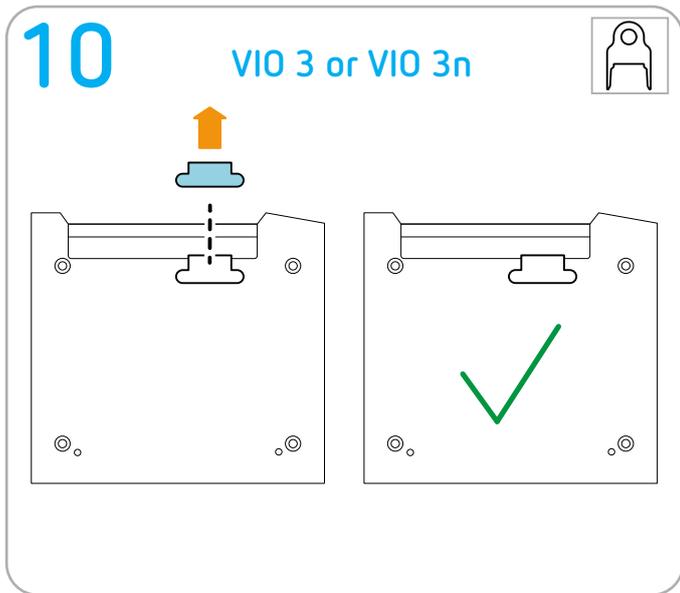
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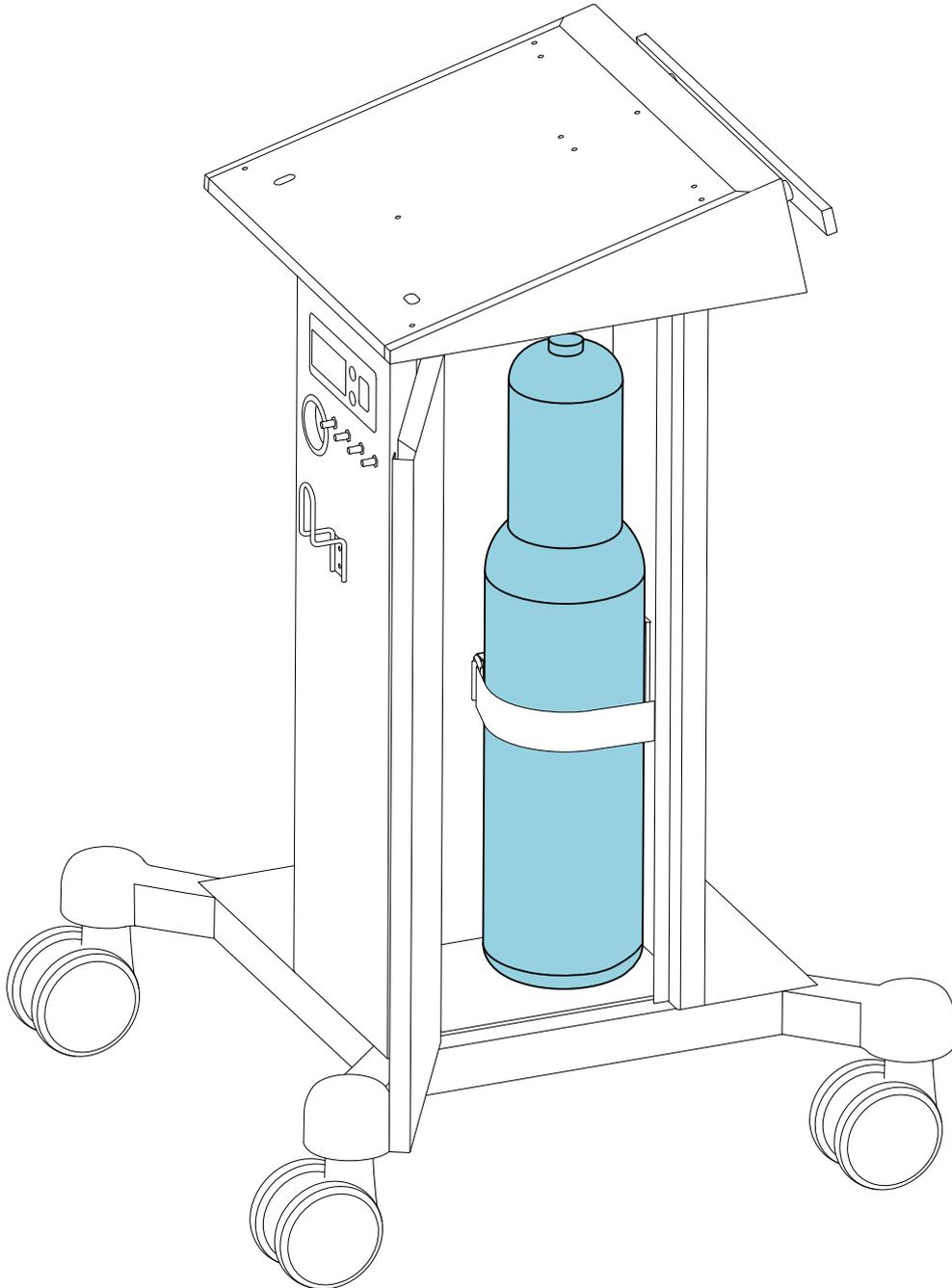


# Only compact plus: Stowing argon gas bottle

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## Permitted positioning

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## Tools required

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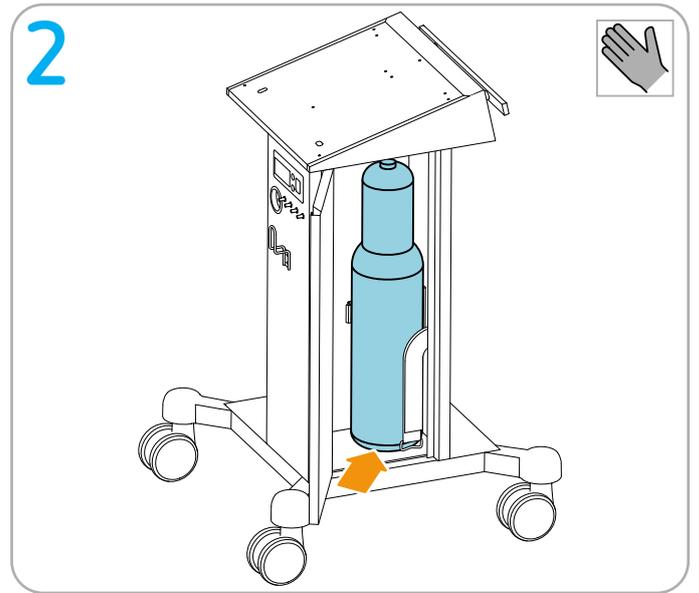
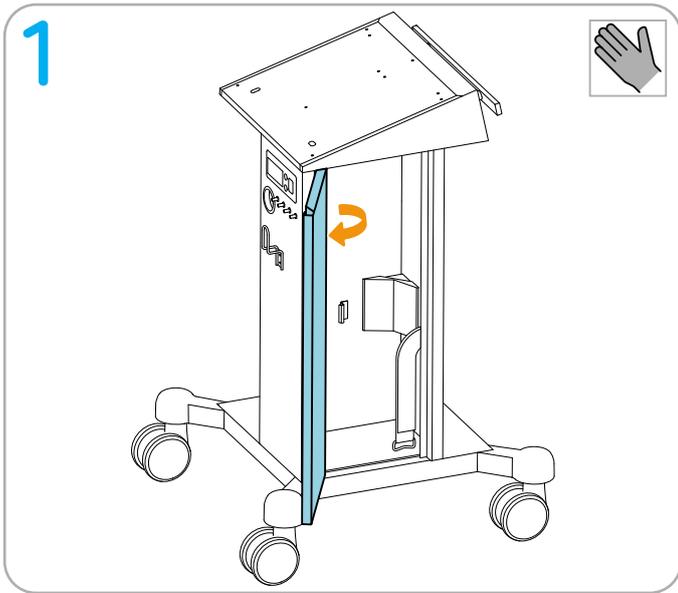
No tool needed.

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## Preparation

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**IMPORTANT!** Remove the power cord from the system carrier.

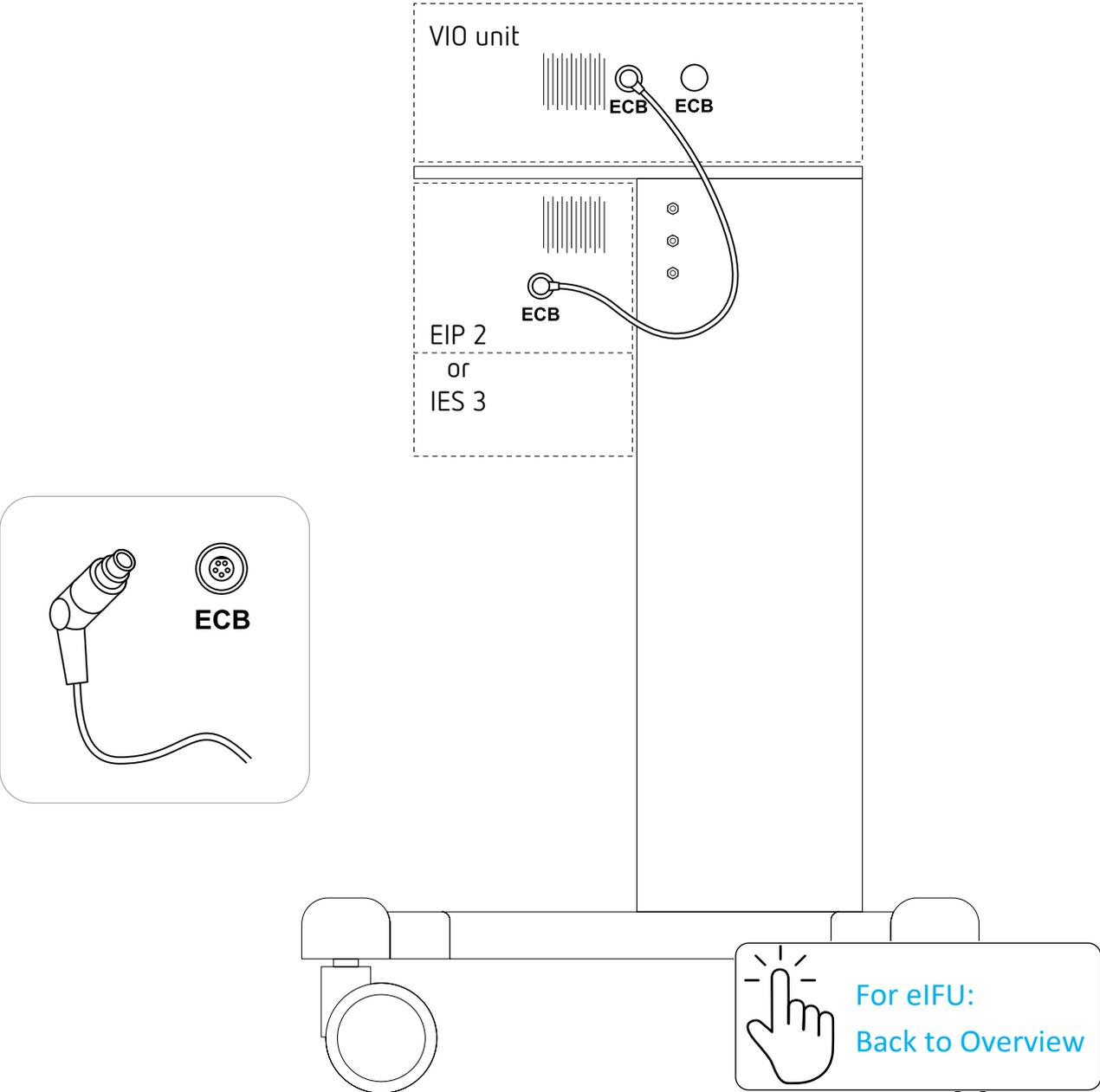






## ECB connection (optional, for communication between the units)

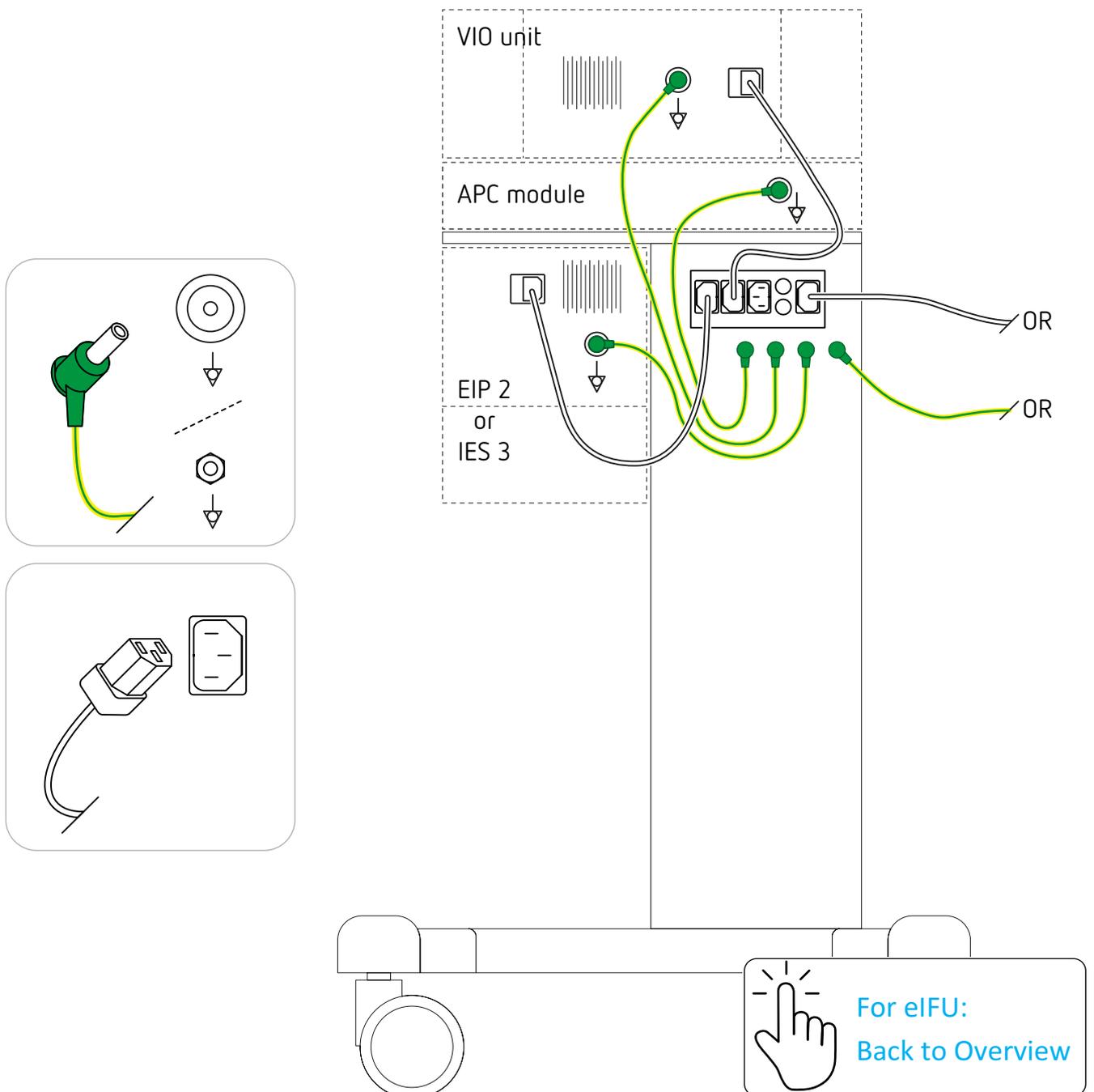
**IMPORTANT!** Only use original Erbe cables.



# compact plus: Making connections

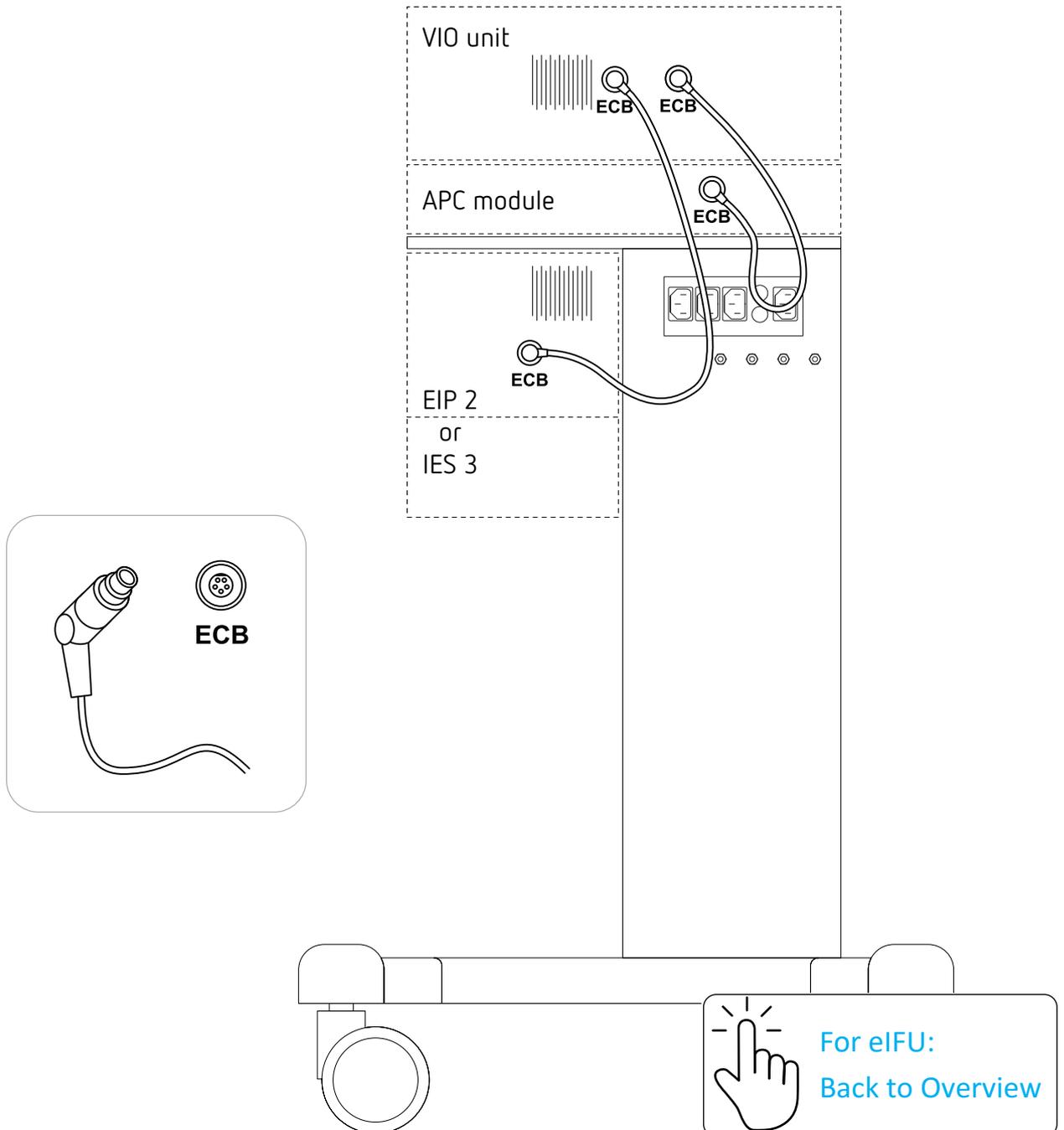
## Potential equalization and mains connection

**IMPORTANT!** Only use original Erbe cables.



## ECB connection (optional, for communication between the units)

**IMPORTANT!** Only use original Erbe cables.



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## APC connection

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Please read the User Manual for the APC 2 or the User Manual for the APC 3.







 **Manufacturer**  
Erbe Elektromedizin GmbH  
Waldhörnlestr. 17  
72072 Tübingen, Germany  
erbe-med.com

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Tel +49 7071 755 437  
techservice@erbe-med.com

**Service Hotline USA**  
Tel +1 770 955 4400  
or +1 800 778 3723  
technicalservice@erbe-usa.com