

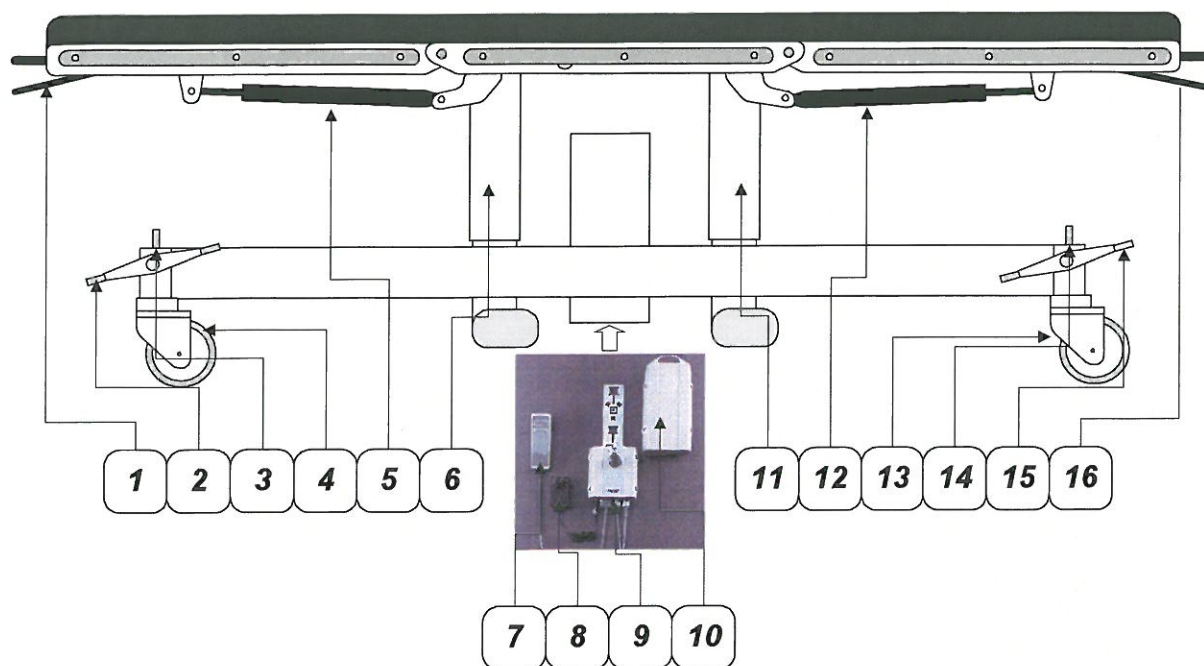
BEHANDLINGSVOGN

BRUKS OG VEDLIKEHOLDSANVISNING



JI-2100

POSISJONER JI-2100



<i>Pos.</i>	<i>Beskrivelse</i>	<i>Kat.nr.</i>
1	Utløserhandtak for gassfjær	Ji-2100-001
2	Låse/Retningssperre	Ji-2100-002
3	Sikkerhetsbøyle Trendelenburg/Anti-trendelenburg	Ji-2100-003
4	Hjul med sentrallås	Ji-2100-004
5	Gassfjær Trendelenburg/Antitrendelenburg	Ji-2100-005
6	Motor	Ji-2100-006
7	Handstyring	Ji-2100-007
8	Ladeadapter	Ji-2100-008
9	Kontrollenhet	Ji-2100-009
10	Batteripakke	Ji-2100-010
11	Motor	Ji-2100-011
12	Gassfjær Trendelenburg/Antitrendelenburg	Ji-2100-012
13	Hjul med sentrallås	Ji-2100-013
14	Sikkerhetsbøyle Trendelenburg/Anti-trendelenburg	Ji-2100-014
15	Låse/Retningssperre	Ji-2100-015
16	Utløserhandtak for gassfjær	Ji-2100-016

Vedlikehold av behandlingssvognen

1. Kontrollere daglig at batteriholder samt batteri er ok.
2. Kontrollere daglig at ledning fra styrehandtak er OK.
3. Kontrollere ukentlig at sideskinner og øvrige deler er skikkelig festet og OK.
4. Kontrollere at hjul/låsemekanismen fungerer tilfredsstillende.
5. Kontrollere madrassen

BRUKSANVISNING:

1. Klargjøring

Kjør bordet i ønsket posisjon i rommet. Lås hjulene ved å trykke på låse/retningsperre (2). Spaken har 3

- posisjoner:
1. Låst
 2. Fri
 3. Retningsperre

Påse at bordet er i flatt leie.

Bordet er nå klart til bruk, og pasienten kan plasseres på vognen.

PS!! Sikker pasientvekt er 135 kg.

2. Regulering av behandlingsvognen:

Innstilling opp/ned

Innstilltes elektrisk i ønsket posisjon ved hjelp av handstyringen.

Innstilling trendelenburg/anti-trend.

Innstilltes elektrisk i ønsket posisjon ved hjelp av handstyringen..

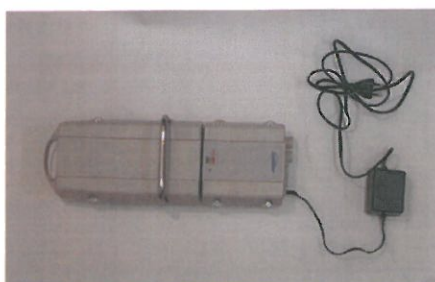


3. Regulering fot/hodeplate

Fot/hodeplate reguleres manuelt ved hjelp av gassfjærer. Ta tak i utløserhandtaket (1) og klem til. Platen kan nå heves opp eller ned etter ønske

4. Lading

Ladestasjonen plasseres på ønsket sted bord/vegg. Adapteren tilkoples 220 V uttak. Batteriet lades automatisk når batterienhet settes i ladestativet. Grønt lys indikerer at batteriet er fulladet (over 80 %), gult lys (utladet) mens gul og grønn samtidig indikerer at batteriet er under oppladning.



5. Nødstop

Ved siden av batteriet er det en rød knapp. Skulle et eller annet tilsi at vi ønsker å stoppe bevegelsene trykkes denne ned, bordet stopper da i denne posisjonen. For å ”oppheve” nødstoppen må den røde knappen dreies til side og slippes opp. Bordet kan nå kjøres på vanlig måte.

6. Rengjøring

Vognen rengjøres for hand med såpe og vann.

NB!! Bruk ikke ATA-lignende såpemidler.

Sørg for at batteriet er på plass ved rengjøring slik at ikke vann renner ned i styreenheten.

NB!! Slange eller høytrykksspyler må ikke benyttes.

Vognen tåler de fleste desinfeksjonsmidler (ikke fenoler).

ACCUMULATOR PACK

The linear actuator derives its power from the accumulator pack. The accumulator pack is secured to the control unit by means of a latching spring.

The accumulator pack consists of two 12 Volt 4.5 Ah accumulators, wired in series and with an output of 24 Volts.

Only accumulators and battery chargers approved by the manufacturer should be used.

The service life of the accumulators is dependent on the load and the state of charge; in ideal conditions, they can be used for up to five years.



A ventilation hole is provided in the accumulator pack in order to dissipate the gases generated by the accumulators.

The ventilation hole should not be damaged, blanked off or painted over. Beware of hazards due to the ingress of fluid or obstruction of the ventilation hole!



The accumulator and control unit housing should only be opened by authorized personnel!



Discharged accumulators should be recharged without delay. Accumulators in storage should be recharged every 6 months.

The accumulators should only be replaced by authorized personnel!

Charging and discharging the accumulators



The accumulators should only be recharged in well ventilated areas, due to the potential hazard from the release of explosive gases!

The accumulator charging process is initiated when the mains adapter or the mains cable is connected or if the accumulator pack is connected with the mains adapter or the mains cable plugged in.

The LED indicates the state of charge of the accumulators. These LEDs have two different display functions.

Mains power supply connected:

LED	Function
Yellow	Accumulators being charged, mains power 'on'. Note: If the charging cycle is longer than 20 hours, the battery or the control unit is defective. Remove the mains adapter from the mains socket outlet.
Green	Accumulators have been recharged, mains power 'on'.
Not lit	No mains power supply.

During rotation of a motor:

LED	Function
Not lit	Accumulators are ready for operation.
Flashing yellow	Accumulators must be recharged, as only approx. 20 % of the residual capacity is available!
Beep tone	Accumulator capacity is sufficient for at least one double stroke. The accumulators must be recharged, otherwise the deep discharge protection will disable the actuator!

Replacing the accumulator pack

Defective or exhausted accumulators and chargers will be exchanged by the Suppliers Service Department.



Accumulators must be recycled, properly disposed of or returned to the supplier
They should not be discarded with domestic refuse!

Pull the handle to overcome the spring force, then remove the accumulator pack from the front of the fixing profile.

To replace the accumulator pack, insert it into the guides in the fixing profile and push it in the direction of the control unit.



The accumulator unit must be locked securely in position, otherwise the accumulator pack could become dislodged and fall out!

Connecting the Handswitch

The handswitch is connected to the control unit with the D-Sub connector. It can be replaced.

Once it has been plugged into the mains socket outlet, the handswitch cable is strain-relieved and sealed by means of the integrally-cast cam. The cam engages with the retaining clip.



The connector for the handswitch cable must be inserted in the correct socket, otherwise the socket outlet in the control unit will be displaced and permanently damaged.

Note the configuration of the connector!



When the handswitch cable is inserted or disconnected, the retaining clip should only be pressed lightly downward (see Fig. 2).

Excessive downward pressure will break the retaining clip, with consequent loss of strain relief!

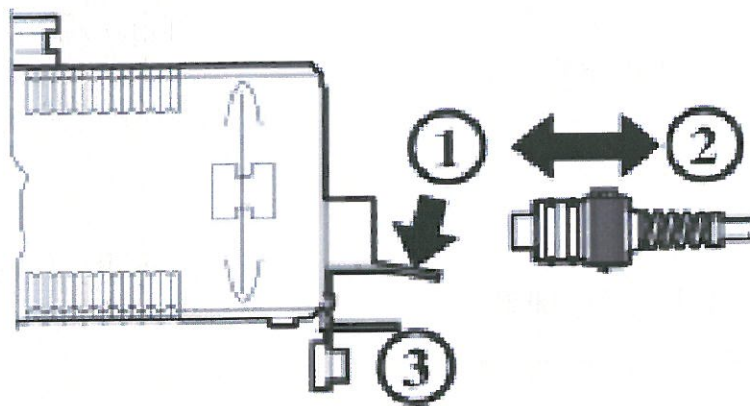


Fig. 2 Plugging in/removing the handswitch cable

Cleaning

Protection from water, cleaning, disinfection

The control unit is protected to IPX4.



The control unit must only be cleaned while the motors and control switches are properly connected and while the adapter input is sealed with blanking plugs (3, Fig. 2). The control unit will be permanently damaged by the ingress of fluids.

At regular intervals (every six months), the plastic housing must be checked for signs of mechanical damage (cracks)!

Sealing points should be periodically checked for signs of damage.

Maximum cleaning and drying temperature: 65 °C!

As soon as possible after use, the unit must be cleaned in order to prevent the accretion of residues!

- The unit should be cleaned by hand with a damp cloth and water, without the use of cleaning agents.



The Magnetic Special Instructions ML 0111/87 must be observed.

Washing water with chemical additives must be pHneutral. Excessively acidic or alkaline washing water can permanently damage the metal and plastic components of the control unit.

Manually-controlled and mechanical high pressure cleaning equipment must not be used.

Only isopropyl alcohol should be used as a cleaning agent for wipe-over disinfection.

Troubleshooting

Error	Cause	Measure
All actuators do not Work	<p>Emergency-OFF on</p> <p>Deep discharge protection of the control unit is activated (display flashes yellow, control unit signals audibly when a key is pushed)</p> <p>No battery placed</p> <p>Battery does not make contact</p> <p>Bad connector contact of operation element plug</p>	<p>Cancel emergency-OFF with a rotary movement</p> <p>Charge battery or replace battery with a full one.</p> <p>Place battery</p> <p>Place battery correctly and check position</p> <p>Check operation element plug and connect the plug once again</p>
Single actuator does not work	<p>Bad connector contact</p> <p>Actuator cable damaged</p>	<p>Check motor plug and connect the plug once again</p> <p>Check cable and replace the actuator, if necessary</p>
Batteries do not charge	<p>Battery full (LED indicates green)</p> <p>Battery is not or incorrectly placed (LED indicates green)</p> <p>Dark display</p>	<p>Recharge can be started again by short removal of the mains voltage or the battery</p> <p>Place battery and check position</p> <p>Check mains adapter or mains cable for damages</p> <p>Check mains supply (house fuses)</p>
Actuator shuts down at operation	<p>Actuator overload in load direction</p> <p>Batteries are empty (LED flashes yellow and control indicates a buzzing signal when a key is pushed (deep discharge protection of the battery))</p>	<p>Reduce actuator load</p> <p>Charge battery or replace battery pack</p>