



If caregivers have a choice, they choose Lopital



Periodical preventative  
maintenance and inspection

Sirocco/Stylex/Amfora Shower trolley  
Vienna Dressing table

## Sirocco Shower trolley

61002400 (Electric/ wall mounted left)  
61002401 (Electric/ wall mounted right)



## Stylex Shower trolley

61003070 (hydraulic/ standard)



## Amfora Shower trolley

62004010 (hydraulic/160)  
62004011 (elektric/160)  
62004015 (hydraulic/190)  
62004016 (elektric/190)



62005005 (Electric/160/Wall mounted)  
62005010 (Electric/190/wall mounted)



## Vienna Dressing table

62004020 (hydraulic/160)  
62004021 (elektric/160)  
62004025 (hydraulic/190)  
62004026 (elektric/190)



65005015 (Electric/160/Wall mounted)  
65005020 (Electric/190/Wall mounted)



### Important!

The Shower trolley/dressing table should be inspected at least once a year.

Service and maintenance of the Sirocco/Stylex/Amfora/Vienna is only permitted by qualified persons and using original spare parts..

Making changes to the construction could affect the safety of the Shower trolley/dressing table. This will also lead to Lopital's liability and warranty conditions being invalidated. As a result, Shower trolley/dressing table will no longer comply with the medical devices regulation MDR (EU) 2017/745.

Each inspection or repair must be entered to the log.

The average technical life of Showertrolley/dressing table is 10 years, assuming it is cleaned daily and regularly maintained supplied.

### Manufacturer:

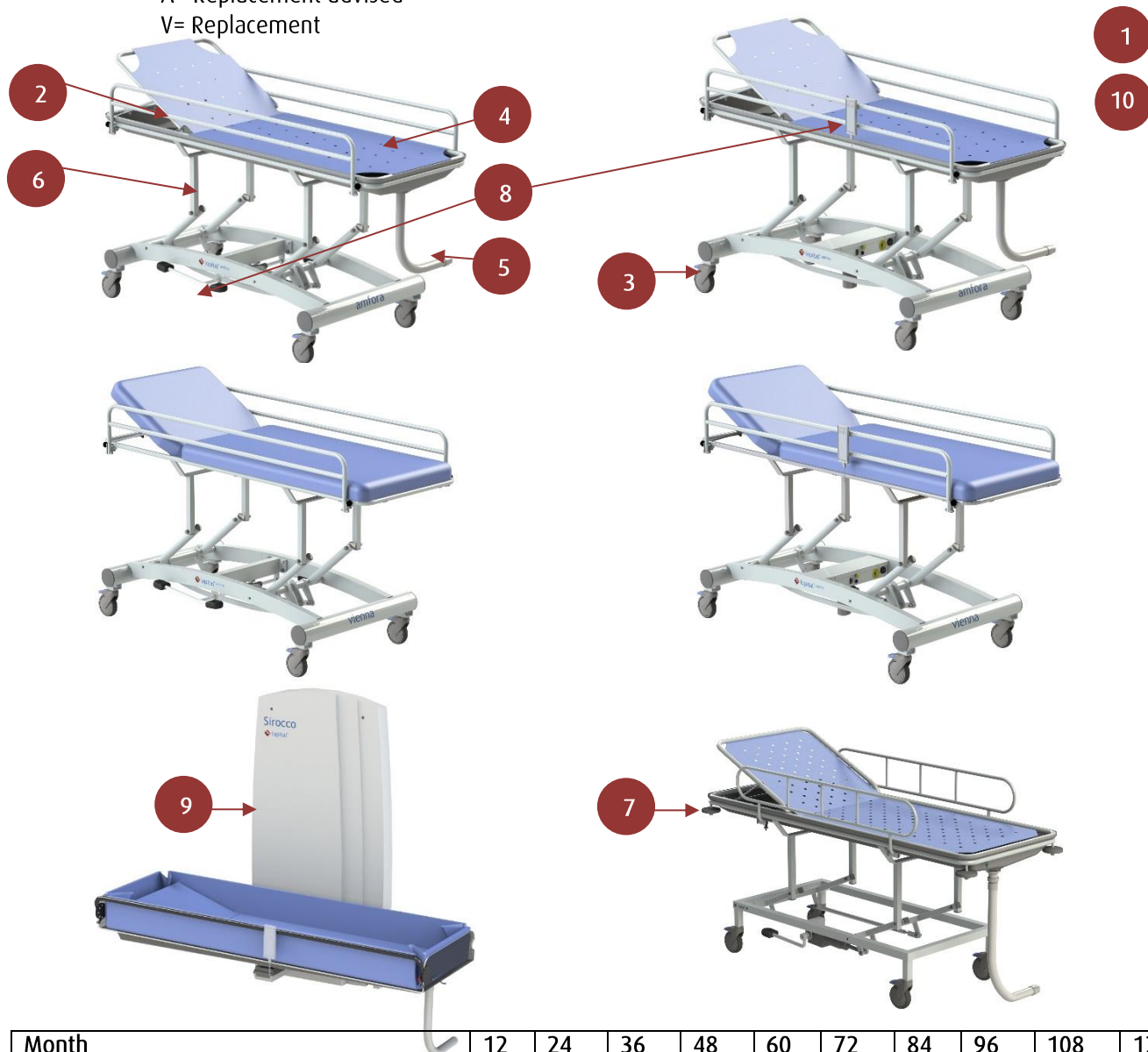
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## Shower trolley / dressing table

1. General condition of the trolley / dressing table
2. Side rails
3. Wheels + brakes
4. Lying surface
5. Outlet hose
6. Lever
7. Buffer discs
8. Pedals / Operation
9. Wall frame
10. C= Check  
S= Service / lubricate  
A= Replacement advised  
V= Replacement



| Month                                    | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|------------------------------------------|----|----|----|----|----|----|----|----|-----|-----|
| General condition                        | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |
| Side rails                               | S  | S  | S  | S  | S  | S  | S  | S  | S   | S   |
| Wheels + brakes (Amfora, Vienna, Stylex) | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |
| Lying surface                            | C  | C  | C  | C  | A  | C  | C  | C  | C   | A   |
| Outlet hose (Amfora, Sirocco)            | C  | C  | A  | C  | C  | A  | C  | C  | A   | C   |
| Lever (Amfora, Vienna, Stylex)           | C  | VC | C  | VC | C  | VC | C  | VC | C   | VC  |
| Buffer discs (Stylex)                    | C  | C  | C  | A  | C  | C  | C  | A  | C   | C   |
| Pedals / operation                       | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |
| Wall frame (Sirocco)                     | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |

## 1. General condition of the dressing table/trolley

### Required tools

- Touch- up pen Sikks A77A2
- Allen keys
- Open-end ringspanners
- Screwdrivers

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |

- Visually check the user manual is available. When it's not available, report this by the user.
- Visually check if all stickers are present and legible. Can you read the serial number yet?
- The CE Sticker should be present and clearly legible. This also applies to the sticker with inspection date.
- Visually check all painted parts for damage and corrosion. Touch up if necessary.
- Replace insert caps if they are damaged.
- Are all the screws present and securely fitted?
- Check whether the bolts of the actuator are securely fitted, both at the top and at the bottom.
- Does the dressing table /trolley move up and down smoothly?
- Check the lying plates for damage. Replace if damaged (cracks) (Sirocco)

### Present:

- Mattress + pillow(Sirocco)
- Charger (Only electrical versions)
- Handcontrol (Only electrical versions)

## 2. Side rails

### Required tools

- Allen key 3 mm
- Interflon assembly grease

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | S  | S  | S  | S  | S  | S  | S  | S  | S   | S   |

- Both side rails should rotate smoothly.
- They should be easy to lock and unlock.
- Check all bolts for fastening.
- Lubricate the hinge with Interflon assembly grease, between the two round plates (Sirocco).

### 3. Wheels

#### Amfora en Vienna

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |



Figure 1 Wheel Amfora and Vienna

#### Required tools

- Derrick for dressingtable / trolley

Nut M10

Washer 45x10,5x1,5

Wheel

Washer M10

Bolt M10x45

Figure 2 Wheel exploded view

- Check the attachment of the wheel (Tolerance)
- Check freewheel function + brakes.
- Check the shower trolley right course.
- Brake lip intact?
- Check the tread of the wheel. Replace all 4 in case of extreme damage.
- Check the attachment of the expander (Marina basic)
- If the castors are very stiff, you should try to solve this by cleaning them.

Replace the wheels if they are damaged or worn.

#### Stylex

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |

- C Check the attachment of the wheel (Tolerance)
- Check freewheel function + brakes.
- Check the shower trolley right course.
- Brake lip intact?
- Check the tread of the wheel. Replace all 4 in case of extreme damage.
- Check the attachment of the expander (Marina basic)
- If the castors are very stiff, you should try to solve this by cleaning them.



Figure 3 Wheel Stylex

## 4. Mattress + pillow

Sirocco

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | C  | A  | C  | C  | C  | C   | A   |

Required tools

-

Check the mattress for any damage and replace when necessary.

Failure items:

- Damage
- Torn fabric
- Damp in mattress
- Severe discolouration
- Severe mould (mainly on underside)

You could ask the mattress to be cleaned thoroughly and check again.

For reasons of hygiene, it is recommended to replace mattress once every 5 years.

## 5. Outlet hose

Amfora, Stylex, Sirocco

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | A  | C  | C  | A  | C  | C  | A   | C   |

Required tools

-

Check for any kinks, leaks and blockages.

Failure items:

- Kinks
- Cracks
- Blockage
- Cracked swivel
- Outlet damaged

For reasons of wear and tear, blockage and hygiene, it is strongly recommended to replace the outlet hose once every 3 years.

1. Outlet
2. Clamping ring
3. Outlet hose

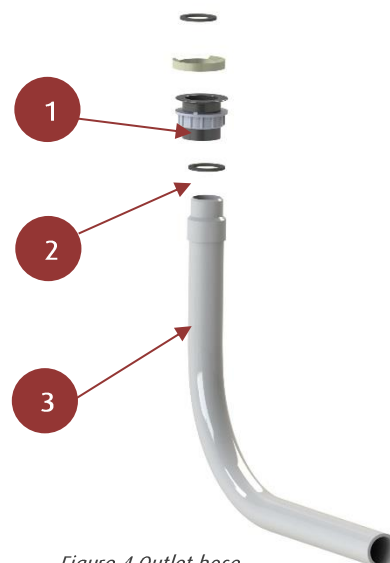


Figure 4 Outlet hose

## 6. Lever

Amfora, Vienna, Stylex

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | VC | C  | VC | C  | VC | C  | VC | C   | VC  |

### Required tools

- Soft hammer
- Flat screwdriver
- Digital spirit level
- Retaining ring pliers

- Check for any damage. If the lever is bent, it should be replaced. If it is from aluminium, it should be replaced as a precaution.
- Remove insert cap.
- If the bearings of the levers have been worn away to an extreme level, the trolley should be returned to Lopital.
- Check retaining rings (8 in total; they connect the subframe to the two levers).

1. Insert cap
2. Lever
3. Bearing

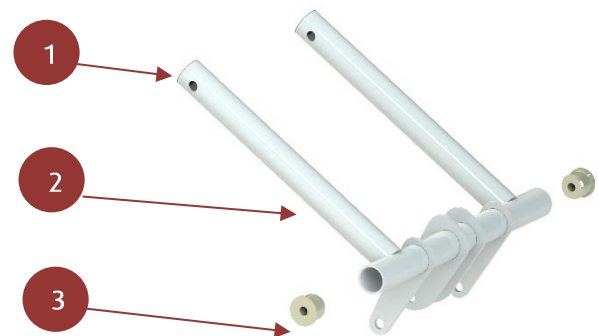


Figure 5 Lever

## 7. Buffer discs

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | A  | C  | C  | C  | A  | C   | C   |

### Required tools

- Open-end/ringspanner 10 mm
- Loctite (blue)
- Ceramic grease

The buffer discs should rotate smoothly. If the buffer discs are damaged or worn, e.g. parts of the disc missing, they should be replaced.

It is recommended to replace the buffer discs once every 4 years.

### Method

- Unscrew bolts
- Inspect sleeves and buffer discs (if damaged: new ones)

### Assembly

- Put grease on the sleeves
- Tighten buffer discs

1. Buffer disc
2. Washer M12
3. Locknut M12

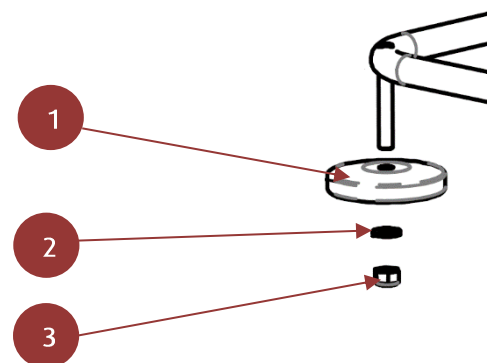


Figure 6 Buffer disc



## 8. Operation / electric

Amfora en Vienna electric

| Month                     | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|---------------------------|----|----|----|----|----|----|----|----|-----|-----|
| Lock button               | C  | C  | C  | A  | C  | C  | C  | A  | C   | C   |
| Emergency lowering device | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |
| Operation                 | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |

### Required tools

- Multimeter

- Check all functions (lock button, emergency lowering, height adjustment) (also pay attention to any noise)
- When the emergency lowering button is pressed, the lying surface should lower
- When the lock button is pressed, the shower trolley should no respond to any command.
- When the electric connections are corroded, the have to be cleanded and sprayed with contact spray.
- Replace manual operation if the cable is damaged, kinked or overstretched.
- Check cable of the actuator for any kinks or other damaged.

1. Connection for manual operation
2. Controlbox
3. Lock button
4. Emergency lowering device

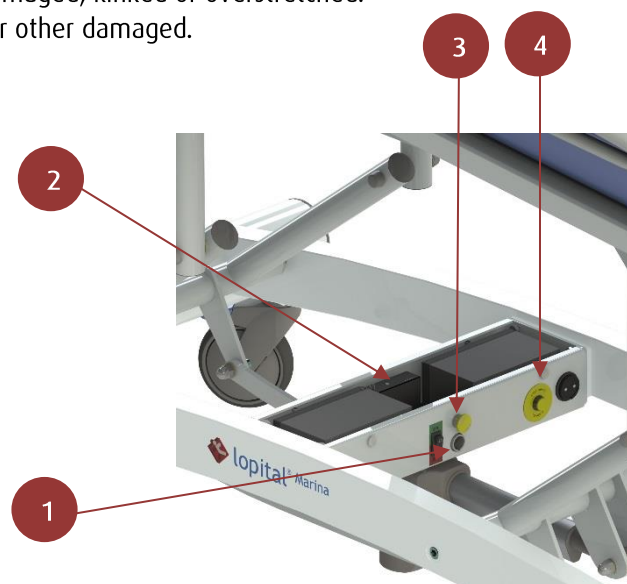


Figure 7 Elektrical components

### Sirocco

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | A  | C  | C  | C  | A  | C   | C   |

- Check all functions (also pay attention to any noise).
  - Fully up / down (maximum position).
- Does the emergency stop work?
- Replace manual operation if the cable is damaged, kinked or overstretched.
- Check the switches on the control box for any distortion or corrosion (remove where this is the case).
- Disconnect actuator cable and check for any corrosion, kinks or other damage.

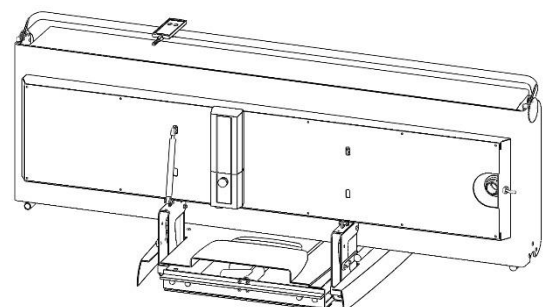


Figure 8 Position of controlbox

## 9. Battery

Amfora en Vienna electric

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | A  | C  | C  | A  | C  | C  | A   | C   |

### Required tools

- Batterij tester
- Contactspray

- A battery can be checked only when it is charged! Measure batteries individually.
- Replace if  $\leq 4,5\text{Ah}$  ( $\leq 65\%$ )
- Always replace both batteries.
- Write the replacement date on the battery (waterproof pen) and put a new sticker on the rear of the motor cover.

It is strongly recommended to replace the battery once every 3 years.

### Method:

Put the shower trolley in a high position and detach the plug from the manual controls.

1. Remove pressure nails (4x).

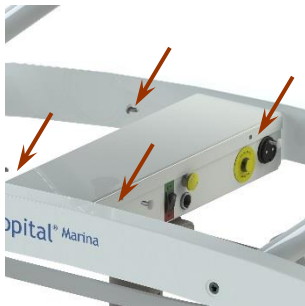


Figure 11 Cap

2. The cap can now be tilted up.



Figure 12 Cap removed

3. Replace batteries. Write the replacement date on the battery.  
Connect all the cables; the red positive pole should be connected last.  
Refit cap and secure.  
Test the shower trolley.

### Sirocco

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | A  | C  | C  | C  | A  | C   | C   |

- Detach the battery.
- Check the switches, also of any additional batteries, for any distortion or corrosion.
- Check whether the amber light of the charger lights up when the battery is put onto it.
- Remove the plug from the socket and check plug and cable.

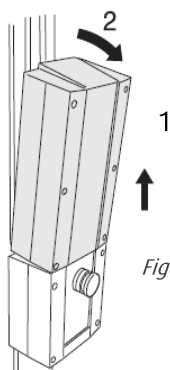


Figure 11 Battery

## 10. Battery charger

Amfora en Vienna electric

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |

### Required tools

- NEN 3140 Test equipment

- The charger must be tested each year in accordance with NEN 3140 and provided with an identification sticker and NEN 3140 sticker.
- Check charger for any damage (plug + cable + contact); if the cable is damaged, replace the whole charger.
- Check the charging voltage; it should be at least the value as indicated on the charger, and be more than 27 Volt.
- Check whether there is too much corrosion on the connectors; also check the charger connector on the dressing table/shower trolley.
- Also disconnect the mains plug and spray it with contact spray.



Figure 12 Charger

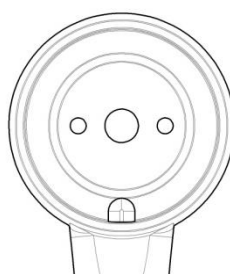


Figure 13 Charge plug

## 11. Wall frame

Sirocco

| Month | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|-------|----|----|----|----|----|----|----|----|-----|-----|
|       | C  | S  | C  | S  | C  | S  | C  | S  | C   | S   |

### Required tools

- -

- Remove the protective cover.
- Tighten nuts and bolts.
- Lubricate parts that touch when moving.
- Try to detect any creaking and squeaking during up /down movement. If this is occurring, the mechanism needs to be lubricated more thoroughly.
- Push and pull shower stretcher. If there is too much room for motion, it should be investigated what causes this. Replace parts where necessary.

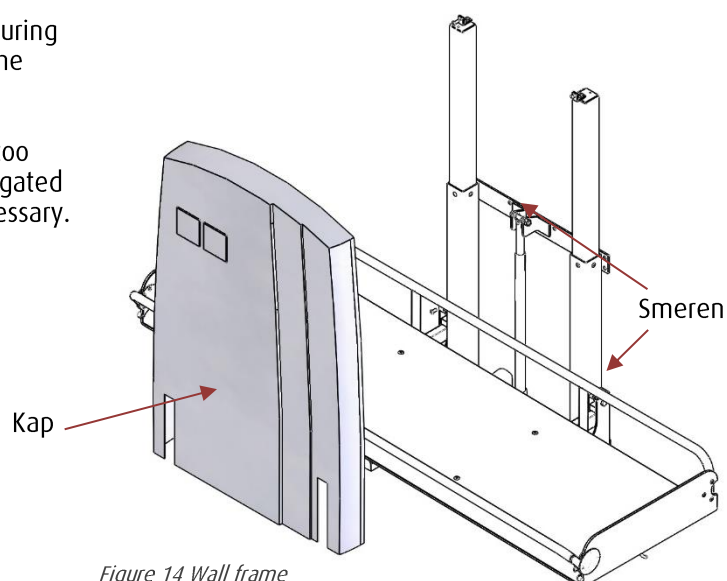


Figure 14 Wall frame

For questions about the maintenance protocol, contact Lopital (telephone +31 (0)13 5239300 or mail [info@lopital.nl](mailto:info@lopital.nl)). You will need the serial number (outlined in red) to inform Lopital. See the serial number sticker on the product for this number.

|                                                                                                                                                                                                                                                                                                |                                                                                                             |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Laarakkerweg 9<br>5061 JR Oisterwijk<br>The Netherlands<br>T: (+31)13-5239300<br>CE IP--<br>Weight: -- kg / -- lbs<br>Type battery: --<br>Drive operates: --V<br>Charge: -- V--- mA<br>Non-Continuous: -- | <div>GTIN</div> (01) 8720256103---                                                                          | Item no: -----                                                                      |
|                                                                                                                                                                                                                                                                                                | <div></div> (11) YYMMDD    |  |
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|                                                                                                                                                                                                                                                                                                | Product type                                                                                                |                                                                                     |



For more information, visit our website: [www.lopital.com](http://www.lopital.com)

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