

Axtair One[®] Plus

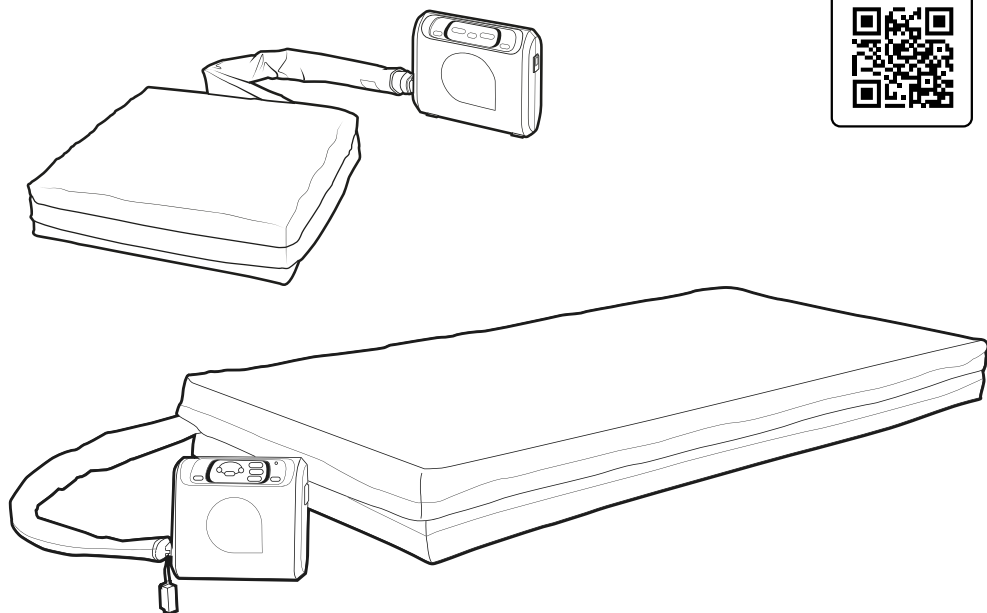
Axtair Automorpho[®] Plus

Axtair Axensor[®] AT12/AT15/AT20

Axtair XXL[®]

Axtair APC

Technical
manual



UDI

366489700083H9

MD



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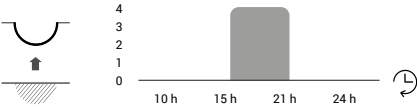
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Version 8 26/02/2025

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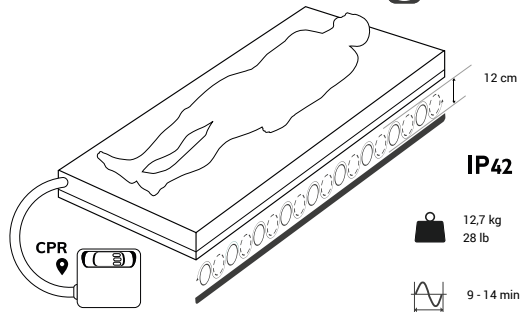
Axtair One® Plus

	VAXT2/ONE-P	VAXT2/ONE/CIC-P
	VAXT/PONEP	
	VAXT/MONEP90/PUL	VAXT/MONEP90/CIC



 Alternating cycle frequency: 1 cell out of 2

-  = 30-165 kg
67-364 lb
-  = 210 kg - 463 lb
-  <35 dBA



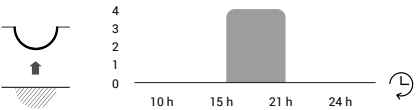
IP42

 12,7 kg
28 lb

 9 - 14 min

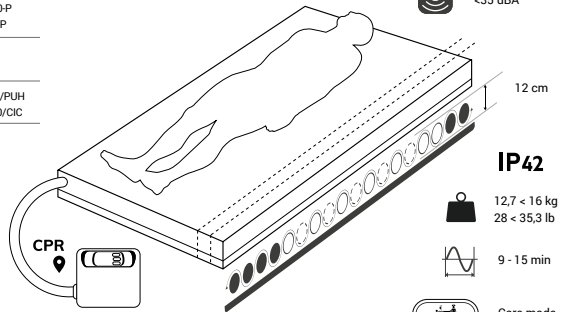
Axtair Automorpho® Plus

	VAXT4/AUTO-P VAXT4/CIC-P	VAXT4/AUTO100-P VAXT4/CIC100-P	VAXT4/AUTO120-P VAXT4/CIC120-P
	VAXT/PAUTOP		
	VAXT/MAUTOP90/PUH VAXT/MAUTOP90/CIC	VAXT/MAUTOP100/PUH VAXT/MAUTOP100/CIC	VAXT/MAUTOP120/PUH VAXT/MAUTOP120/CIC



 Alternating cycle frequency: 1 cell out of 2

-  = 30-180 kg
67-397 lb
-  = 225 kg - 496 lb
-  <35 dBA



IP42

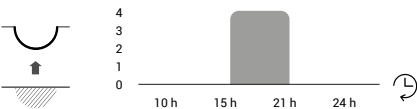
 12,7 < 16 kg
28 < 35,3 lb

 9 - 15 min

 Care mode

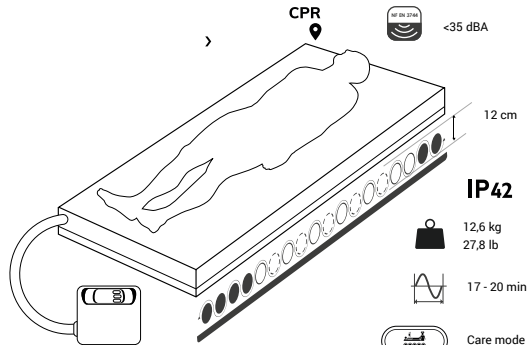
Axtair Axensor® AT12

	VAXT6/AUTO-S	VAXT6/AUTO-80-S
	VAXT6/POMPE/AUTO-S	
	VAXT6/MA/AUTO	VAXT6/MA/AUTO-80



 Alternating cycle frequency: 1 cell out of 2

-  = 30-165 kg
67-364 lb
-  = 210 kg - 463 lb
-  <35 dBA



IP42

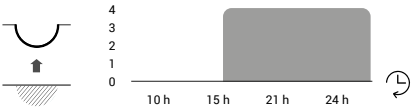
 12,6 kg
27,8 lb

 17 - 20 min

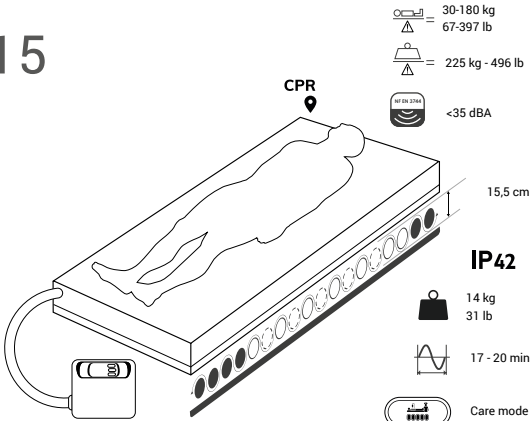
 Care mode

Axtair Axensor[®] AT15

	VAXT6/MAX-S	VAXT6/MAX-DV-S
	XT6/POMPE/AUTO-S	
	VAXT6/MA/MAX	VAXT6/MA/MAX-DV

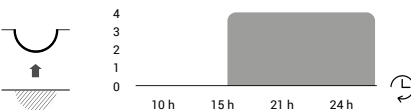


 Alternating cycle frequency: 1 cell out of 2

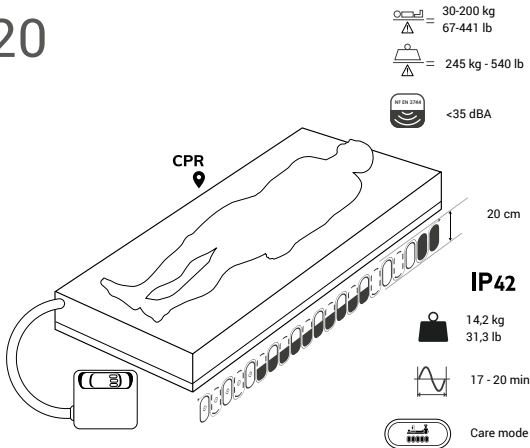


Axtair Axensor[®] AT20

	VAXT6/AT20-80-S	VAXT6/AT20-90-S
	VAXT6/POMPE/AUTO-S	
	VAXT6/MA/AT20-80	VAXT6/MA/AT20-90

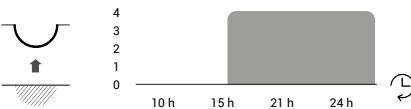


 Alternating cycle frequency: 1 cell out of 2

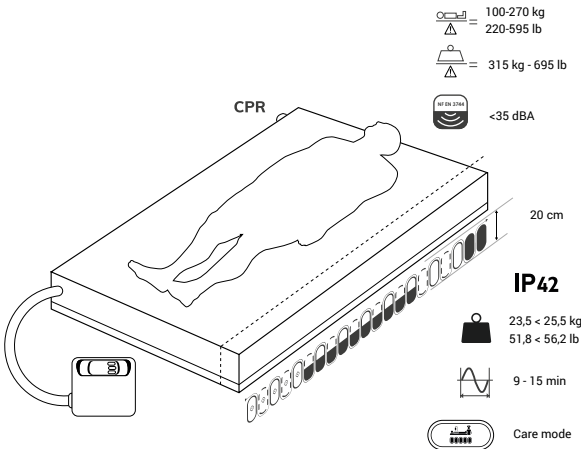


Axtair XXL[®]

	VAXT/XXL-120	VAXT/XXL-140
	VAXT/POMPE/XXL	
	VAXT/MA/120XXL	VAXT/MA/140XXL



 Alternating cycle frequency: 1 cell out of 2



1. INDICATIONS

Device intended use

Pressure area management systems and associated pumps are intended to be used medically in the treatment and prevention of pressure ulcers/injuries.

Indications

Prevention and support for the treatment of stage 1 to 4 pressure ulcers/injuries (according to medical opinion) for patients who may or may not be up during the day, and/or have a "moderate to very high" risk of developing a pressure ulcer/injury, assessed according to a proven scale and based on clinical judgement (see diagrams on the inside instructions for use front cover)

Contraindications

Patient with a minimum or maximum weight other than those tolerated by the mattress/cushion. Non-stabilized post-traumatic fractures, with dynamic mode. Use in hyperbaric chambers and on stretchers.

Intended target patient population

Hospitalized, institutionalized or home-based adults of over 146 cm in height, with one or more pressure ulcers/injuries and/or who are at risk of developing pressure ulcers/injuries due to the temporary or definitive alteration of their condition.

Intended target group of users

Healthcare professionals, assisted by carers where necessary.



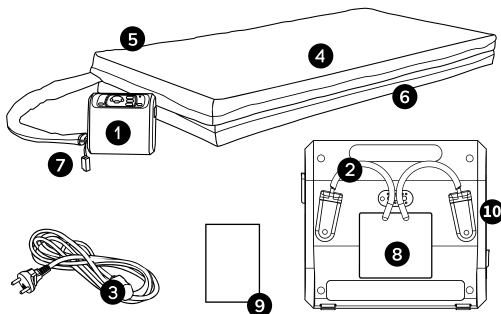
Undesirable effects

Inform the competent authority if you believe or have reason to believe that the device presents a serious risk or that it has been tampered with.

All serious incidents which are related to the device must be notified to the manufacturer and the competent authority of the member state in which the user and/or patient resides.

2. MEDICAL DEVICE COMPOSITION

› More detailed information on the APC cushion is given on the last page

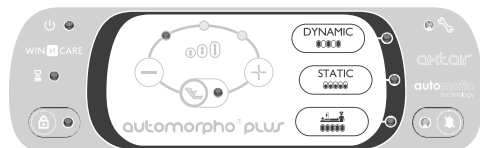


- 1 Compressor Axensor.
- 2 Hooks system for hanging up to the medical bed.
- 3 Power supply cable.
- 4 Alternating-cell mattresses, with two static head cells (except on One Plus).
- 5 Heel discharge cells with individual deflation valves (4 for Automorpho Plus, Axensor AT12, and Axensor AT15; 5 for Axensor AT20 and XXL; 0 for One Plus).
- 6 Polyurethane foam base (except for Axensor AT20 and XXL mattresses).
- 7 Pneumatic connector fitted with a plug for rebalancing support pressure when disconnected from the compressor.
 - › Automatic on Axensor.
 - › Provides CPR function on One Plus and Automorpho Plus.
- 8 Regulatory identification labels.
- 9 Instruction for use (IFU).
- 10 Simplified instructions attached to the side of the compressor.

3. CLINICAL BENEFIT, PERFORMANCE, MECHANISM OF ACTION

Device performance characteristics

- › Operating principle: alternating pressure supports that alternately inflate and deflate the cells.
- › The inflation pressure adjustment is automatic thanks to a system that controls the supply and the value of the insufflated air pressure, adapting the inflation pressure to the patient's morphotype at start-up without any external intervention.



- › **"Dynamic"** mode: alternating pressure prevent prolonged vascular compression that can lead to tissue hypoxia.
- › Low pressure **"Static"** mode: immobilization (orthopaedic, neurological trauma), local pain, withdrawal phases.
- › **"Care"** mode: handling, performing of certain medical procedures and transfers.

Expected clinical benefits

- › Maintains tissue oxygenation in anatomical areas that are in contact with the surface of the support by reducing the pressure applied to the skin and subcutaneous tissue.

4. INSTRUCTIONS FOR USE

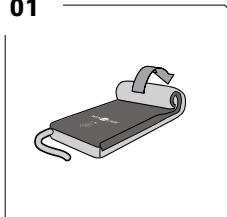
User training and qualification

All users (health professionals or not) must be trained by individuals approved by the economic operators in the use of the functions to which they have access, notably in safety and non-compliance reporting aspects.

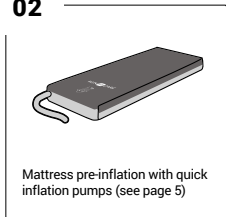
Device Installation

- Check compressor and mattress compatibility.

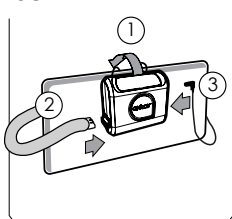
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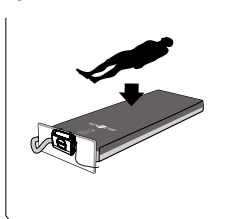
02



03



04



- In the case of inflation of the mattress via the compressor the self-inflation phase can take 20 minutes for a 90 cm wide mattress, and 30 minutes for a 120 cm wide mattress. Wait for this time before installing the patient.

- In the case of pre-inflation of the mattress by a quick inflation pump, the patient can be placed at the end of the installation of the dynamic mattress.

- More detailed information on the APC cushion is given on the last page.

Cleaning and disinfection

- To be carried out before the first use, and between each patient.
- Refer to WINNCARE Services sheets Cleaning Disinfection Air Mattresses n° 060 (protective cover n° 063).
- Consult the Technical Manual.

Preventive maintenance

- Check the device after every 2 years of use or after 17500 hours of operation (Indicator: maintenance key led).
- Contact the manufacturer or distributor in regard to the Aircare maintenance solution (training, software, connection kit, revision kit).
- Lifetime: 6 years (mattress and compressors).
- See Technical Manual (Downloadable from www.winnccare.com).



5. WARNINGS, PRECAUTIONS FOR USE

Precautions for use

- Use static low-pressure mode in the case of non-stabilized bone and/or muscle injuries in contact with the support, and in the initial days following surgery for a pressure ulcer/injury (skin graft or flap).
- Identify a caregiver who can intervene in the event of a technical or medical problem in the patient's home.
- For patients weighing more than 135 kg, check that their gluteal region and the base of the bed are not in contact when they are in a semi-seated position ($> 45^\circ$), by means of a "tiral and error" test, with the hand placed palm upwards between the gluteal area and the base.
- Place a sheet between the mattress/cushion protection cover and the patient.
- Ensure that the dimensions of the cushion are compatible with the seat of the (wheel)chair.

Warnings

- If the device alarm LED is flashing, or if it is on permanently, contact your maintenance department as quickly as possible in order to carry out the appropriate troubleshooting.
- Installation and commissioning: according to the EMC (electromagnetic compatibility) information provided by WINNCARE France on request.
- Observe the storage and operating conditions specified by WINNCARE France.
- Only use accessories, cables, and the cover supplied and/or specified by WINNCARE France to maintain the characteristics of the medical device.
- Match the reference of the compressor with its support.
- (Re)assess the risk of patient entrapment in non-moving parts of the medical bed associated with bedrails and therapeutic mattresses (EN 60601-2-52 standard for adults).
- When cleaning and disinfecting, do not use high-pressure jets.
- Only 1 individual deflation valve must be open at a time.

Action required

The support alone is not enough to prevent pressure ulcer/injury:

- Observe the condition of the skin in contact with the support surface several times a day.
- Change position at least every 2 to 3 hours.
- Maintain skin hygiene and avoid maceration.
- In case of incontinence, change protection regularly.
- Ensure a sufficient and appropriate diet.
- Drink regularly and in sufficient quantities.
- Avoid unnecessary thickness and foreign objects between the body and support.

Notify your doctor or nurse

- Of any abnormal event (fever, pain, redness, or whitening of the support points of your body with the support surface).
- If the required measures for use of the medical device cannot be observed.





Indicates the compressor is switched on.



Flashes to indicate inflation of the support.
After switch-off, the patient can be placed.



Locking system:
Indicator light on: keypad automatically locked after 5 minutes or continuous 4 second press.
Unlocking: continuous 4 second press.



Care mode (static): mode duration limited to 30 minutes.



Care mode indicator flashes 5 minutes before the end. Audible signal emitted when triggered.
After 30 minutes: switches to the previously used mode.



Fixed LED: Low priority alarm.
Contact the maintenance department.



Flashing LED: Medium priority alarm. Remove the patient.
Contact the maintenance department.

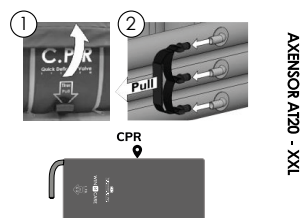
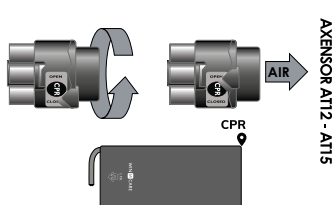
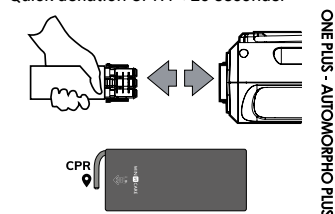


Press button: stops sound alarm.
Moderate alarm: reactivation after 3 minutes.

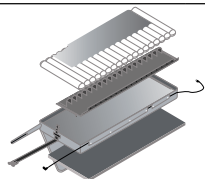
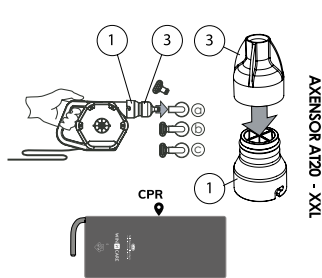
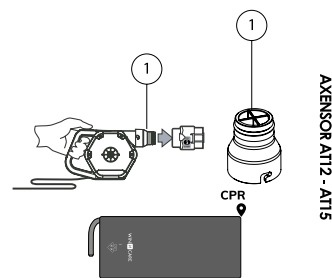
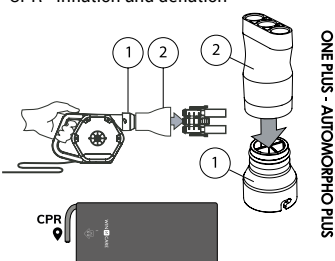


See Technical Manual (Downloadable on www.winncare.com).

CPR - Emergency: CPR opening depending on mattress type - Warning: Closed position during use.
Quick deflation CPR : < 20 seconds.



CPR - Inflation and deflation



Lateral cable pass available as standard on Automorpho Plus, AT20 and XXL mattresses.
Available as an option on all other mattresses, except for the One Plus model.



Caution, read the instruction for use and/or the technical manual.



Category II device (Dual insulation).



BF type electrical device (applied to supports).



Complies with the general requirements of Medical Devices Regulation (EU) 2017/745.



Caution, electrical and electronic equipment subject to selective waste collection.



Manufacturer



Manufacture country - France



Serial number



Batch number



Medical Device



Unique device identifier



Patient weight range



Safety working load

IP42

Protection class IP42 according to IEC 60529.



Applicable to top cover only

Machine wash, T° max 90°C, reduced mechanical action, rinsing at decreasing temperature, reduced spinning.



Applicable to the complete mattress (compatible machine washing)

Moderate wash up to 65°C.



Applicable to the complete mattress (compatible machine washing) and cover

Tumble dry on low heat, moderate temperatures (60°C).



Maximum allowable chlorine concentration of 5000 ppm.

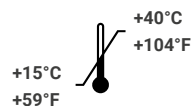


Do not iron



Do not dry clean

Use



Temperature limit

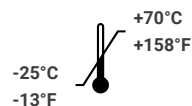


Humidity limitation



Maximum Altitude

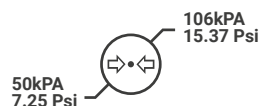
Storage



Temperature limit



Humidity limitation



Atmospheric pressure limitation

Maximum patient weight		mmHg		
165 kg 364 lb	max.	29	51	42

Maximum patient weight		mmHg		
180 kg 397 lb	max.	51	45	40

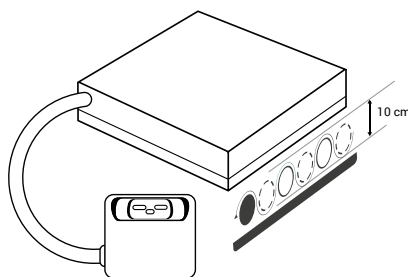
Axtair APC

Specific information on the APC cushion is given below. Please refer to other sections for more general information.

	VAXT6/CO/AUTO
	VAXT6/POMPE/AUTO-S



Alternating cycle frequency:
1 cell out of 2



 30-150 kg
67-331 lb

 <35 dBA

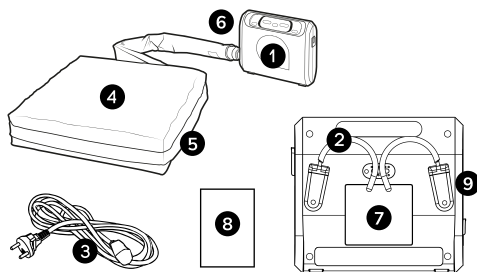
IP42

 4,2 kg
9,2 lb

 17 - 20 min

DYNAMIC

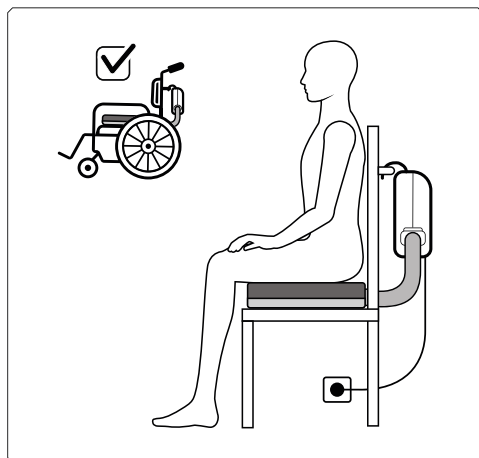
MEDICAL DEVICE COMPOSITION



- 1 Axensor Compressor.
- 2 2 systems for hanging it off the back of the wheelchair.
- 3 Power supply cable.
- 4 Alternating cell cushion with one static cell.
- 5 Polyether foam incorporated into the cells.
- 6 Pneumatic connector.
- 7 Regulatory identification labels.
- 8 Instruction for use (IFU).
- 9 Simplified instructions attached to the side of the compressor.

DEVICE INSTALLATION

> Verify the compatibility of the compressor and cushion.



PREVENTIVE MAINTENANCE

> Lifetime: 4 years (cushion).

CH	REP
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Siotec AG, Sägestrasse 75, CH-3098 Köniz
CHRN-AR-20001368

UY	REP
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TEGRAL Ltda. Av. Millán 5044, 12900 Montevideo,
Departamento de Montevideo,
Uruguay

SA	REP
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QETAF Medical EST. 3599 Princ Mohammed Bin. Abdulaziz
ST. Saud Langawi Center, Al Andalus. Jeddah 23326
Saudi Arabia

IL	REP
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במיטק בע"מ, רחוב הבנאי 6 חוד השרון מיקוד 4531906, ישראל.
لمستورد : شركة خاميتك
شارع هبناي 6, هود هشارون الرمز البريدي 4531906

UK	REP
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Mangar International Limited (WINN CARE group)
Prestegine Industrial Estate, Prestegine, LD8 2UF, Powys
United Kingdom

NZ	REP
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Cubro Limited, 149 Taurikura Drive, Tauriko,
Tauranga 3142
New Zealand