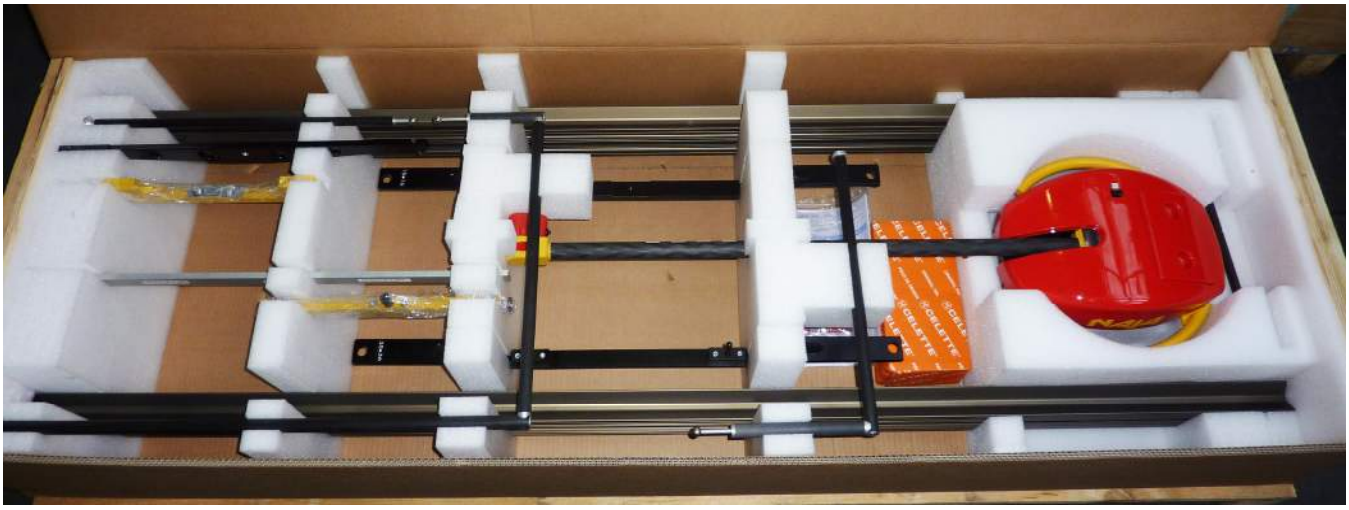
NAJA EVOLUTION



Summary

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1- Packing list

- Naja Evolution is supplied in :

  - 2 package for the reference NA.3016WS or
  - 3 package for the references NA.3014WI and NA.3015WI

Package 1 : Measuring unit :

- Measuring head
- Rail in 2 parts with corresponding connection accessories
- 2 supports crossmembers to be installed on the different bench types
- 2 supports for the rail
- Set of 6 probes
- Gauge bar
- Remote control
- bluetooth key
- CD-rom (software and data calibration)
- Manual

Package 2 : trolley (Only for the references NA.3014WI and NA.3015WI)

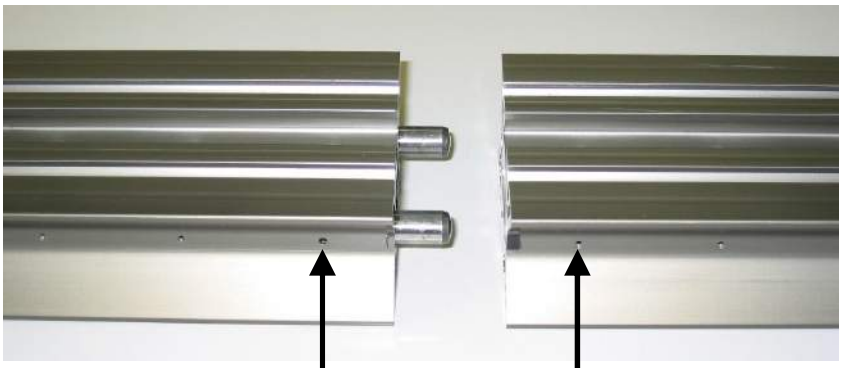
- Trolley with wheels

Package 3 : Accessories :

- Set of sockets
- Battery loader
- Rail installation element
- Documentations
- Screw for support crossmembers
- Storage foam (for NA.3014WI and NA.3015WI the foam is in the trolley)

2- Rail assembly

1_ Place the two half rail elements according to the following picture (Caution to the alignment of the holes).



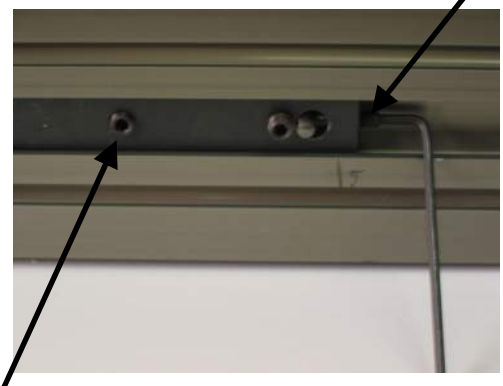
Warning align 2 sides with holes.

2_ Unscrew the first screw of the 2 dovetail (one on each side) with supplied ALLEN key.

3_ Move the dovetail on the middle of the 2 rails and align the hole for the 2 assembling pins.

Take care that the two pins does not exceed too much on top of the rail (yellow arrow in front of the rail and reset label on the back) for moving the measuring head along the rail

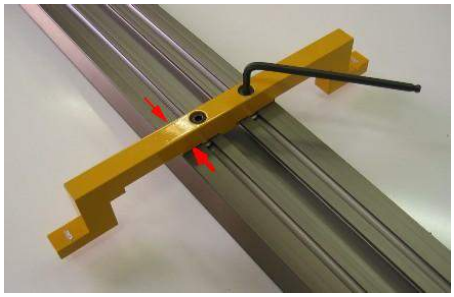
4_ Place the 2 half-rail element in contact by tightening the 2 screws.



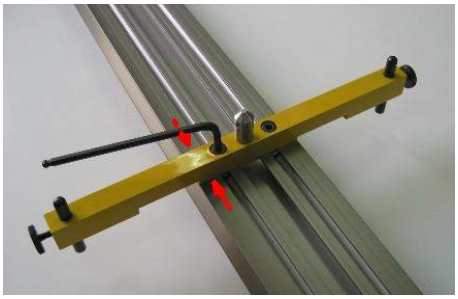
5_ Tighten the 12 screws to put the dovetail in pressure.

6_ Mounting the 2 rail supports between the 2 red arrows and tighten the screw.

Rear support (rail where you have the reset label on the back)



Front support (Rail where you have yellow arrow on the front)



3- Installation of the measuring head on the rail

1_ Unlock the pivoting stop part.

2_ Take the measuring head in your hand with the centring pin at the front.

3_ Insert the pin of the measuring head on the left groove of the rail, and align the wheels to put the measuring head on complete position.

4_ Place the pivoting part in locking position.

4- Rail adjustment

1_ Place the rail in position on its supports.

2_ Move the measuring head on the rear support, carbon arm align with the rear support.

3_ Unlock and raise two fingers pin of the front rail support.

4_ Adjust the front rail support, just in contact with the rail without gap and without pressure.

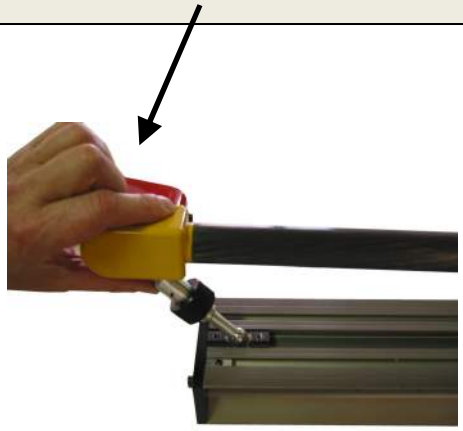
On Gazelle, put in contact the black knurled nut and tighten the lower nut.

On Bench, tighten the front support with supplied special screws, and put in contact the 2 screws on each side of the support.

5_ Put the 2 fingers pin of the front support in contact and tighten the screw.

6_After previous loading, insert the battery.
(minimum 6,1Volt)

7_Put the measuring head on RESET position and with your other hand switch on the measuring head, keep the RESET position during 5 seconds, then release.



WARNING IT'S NECESSARY TO REPEAT THIS PROCEDURE BEFORE EACH MEASURE TO ENSURE YOU A GOOD MEASURING RESULT.

The ideal measurement temperature is 20 ° Celsius.

5- Precaution - Maintenance

1_ Equipment to be used in a dry place.

2_ Periodically clean the 2 sides of the rail and 4 black wheels with a dry or moistened with water, do not use any solvents or silicone

3_ Check that no hole in the side of the track is clogged.

4_ Avoid sudden temperature changes to hardware, when in use. A stable temperature of 20 ° C is recommended for good measurement result.

5_ Make sure a battery is still charging.
If you do not use your equipment for long periods please disconnect the charged battery from the charger.

6_ Warning to the rail and the measuring head storage position not to damage them.
Do not place any charge or constraint to them, this could create a distortion and therefore give you bad measurement result.

-In any case the responsibility of CELETTE France SAS Company will not be engaged in litigation after repair, due to bad condition of use or non-compliance with mountings instructions, settings and maintenance cited above.

-All Measures must be carried out by trained and qualified personnel.

-All Customers assume responsibility for these tasks to be performed by qualified professionals.

-The Company CELETTE France SAS can not be held responsible for damage to the equipment or possible injuries to professionals involved in these operations performed.

6- Certificates

DECLARATION DE CONFORMITE

DECLARATION OF CONFORMITY
KONFORMITÄTSERKLÄRUNG

CE

NOUS ▸ **CELETTE FRANCE S.A.S**
We▪ 3 AVENUE MARCELIN BERTHELOT
Wir▪ 38200 VIENNE / FRANCE

Déclarons que le produit NAJA EVOLUTION
▪Declare that the product
▪Erklären hiermit dass das Produkt

TYPE ▸ **Appareil métrologique piloté par ordinateur**
Machine type▪ **Computerized Measuring system**
Maschinentyp▪

NUMERO DE SERIE OU LOT ▸ **N°**
Serial or batch number▪
Serien-order Chargen-Nr▪

DIRECTIVE EUROPEENNE

◂ **Est conforme avec les exigences de cette Directive**
▪Is in conformity with the requirements of this Directive
▪Den Anforderungen der Richtlinie (2006/42/CE) vom (17/05/2006) entspricht

NF ENV 13005

Guide pour l'expression de l'incertitude de mesure
Précision de l'appareil vérifiée par la société ROMER
A partir d'étalon identifiées et rattachées par la BNM-COFRAC

NORMES HARMONISÉES APPLIQUÉES ▸ **Machinery : 2006/42/CE**
Harmonized standards applied▪ **Low Voltage : 2006/95/CE**
Angewandte harmonisierte Standards▪

ORGANISME DE CONTROLE

◂ **Cette attestation est reconnue conforme aux exigences essentielles de sécurité et de santé par l'Organisme de Contrôle.**

TÜV

CERTIFICATE N° S1 60007281

▪This declaration is in conformity with the essential requierements of safety and health established by the Control Organization (*APAVE under number*).

▪Diese Bescheinigung entspricht den unerlässigen Sicherheits-und Gesundheits-anforderungnen der Überprüfungsorganisation *(APAVE Übereinstimmungsnummer).*

LIEU ET DATE D'EMISSION ▸ **CELETTE FRANCE SAS** **le 15/01/2011**
Place and Date of Issue▪ **3 Avenue Marcellin Berthelot**
Ausstellungsort / - Datum▪ **38200 VIENNE**

RESPONSABLE QUALITE ▪ Quality Manager ▪ Qualitatsleiter

NOM ET FONCTION DE L'EMETTEUR ▸ **Antonio CONESA**
▪ Name and position of issuer▪ **Responsable qualité**
▪ Name und Position des Herstellers▪ **Quality Manager**

Signature / Unterschrift

6 Bluetooth Information

In the tables below you can find information about Bluetooth properties.

Table 9: Bluetooth information cB-0701-01

Parameter	Data
Bluetooth radio	Infineon/Ericsson PBD 313 05 (RAN)
Bluetooth base band controller	Infineon/Ericsson PBM 990 80 (FLINK)
RF output power	Class 2, typ 1.5dBm
Receive sensitive level	-80dBm (0.1% BER)
Receive input level (max)	Max +14 dBm
Output frequency	2.402 –2.480 GHz, ISM band.
Point to multi-point operation	Yes
Bluetooth stack	Embedded host stack
Bluetooth qualification	1.1

Table 10: Bluetooth information cB-0702-01

Parameter	Data
Bluetooth radio	Infineon/Ericsson PBD 313 02 (MIRIAN)
Bluetooth base band controller	Infineon/Ericsson PBM 990 90 (BLINK)
RF output power	Class 1, min –28dBm, max +16dBm
Receive sensitive level	-80dBm (0.1% BER)
Receive input level (max)	Max +15 dBm
Output frequency	2.402 –2.480 GHz, ISM band.
Point to multi-point operation	Yes
Bluetooth stack	Embedded host stack
Bluetooth qualification	1.1

7 Regulatory Information

7.1 Declaration of Conformity

CE

We, **connectBlue AB**, of
Stora Varvsgatan 11 N:1
SE-211 19 Malmö, Sweden

declare under our sole responsibility that our products:

OEM Serial Port Adapter 13i, cB-0032-01, OEM Serial Port Adapter 13x, cB-0033-01
OEM Serial Port Adapter 33i, cB-0034-01, OEM Serial Port Adapter 33x, cB-0035-01
Serial Port Adapter 12i, cB-0036-01, Serial Port Adapter 32i, cB-0037-01
Serial Port Adapter 33i, cB-0041-01, Serial Port Adapter 33c, cB-0038-01
Rugged Serial Port Adapter 32s, cB-0039-01, OEM Module Adapter 2, cB-0040-01

to which this declaration relates, conforms to the following product specifications:

R&TTE Directive 1999/5/EC

EN 300 328-2 V1.1.1 (2000-07)

EMC Directive: 89/336/EEC

EN 301 489-1 V1.3.1 (2001-09)

EN 301 489-17 V1.1.1 (2000-09)

EN 61000-6-2 (1999)

Low Voltage Directive: 73/23/EEC

EN 61131-2

Medical Electrical Equipment

IEC 60601-1-2

21/02/2003 Malmö, Sweden

Thomas Vonheim
Development Manager and Vice President of connectBlue AB

A notification must be made to each of the national authorities responsible for radio spectrum management of the intention to place radio equipment that uses frequency bands whose use is not harmonized throughout the EU, on its national market.

More information at: *http://europa.eu.int/comm/enterprise/rtte/gener.htm*

7.2 FCC Compliance

7.2.1 FCC Statement for cB-0701-01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

7.2.1.1 Labeling Requirements for End Product

For an end product using the OEM Serial Port Adapter or the OEM Bluetooth Enabler there must be a label containing, at least, the following information:

This device contains FCC ID: **PVH070101**

The label must be affixed on an exterior surface of the end product such that it will be visible upon inspection in compliance with the modular approval guidelines developed by the FCC.

In addition, the user manual for the end product must contain the following information:

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

7.2.1.2 Antenna

When using the module equipped with the external antennas as described previously the antenna is fixed and cannot be removed or replaced by the end user.

7.2.1.3 Caution

Any changes or modifications NOT explicitly APPROVED by connectBlue AB could cause the module to cease to comply with FCC rules part 15, and thus void the user's authority to operate the equipment.

7.2.2 FCC Statement for cB-0702-01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

7.2.2.1 Labeling Requirements for End Product

For an end product using the OEM Serial Port Adapter or the OEM Bluetooth Enabler there must be a label containing, at least, the following information:

This device contains FCC ID: **PVH070201**

The label must be affixed on an exterior surface of the end product such that it will be visible upon inspection in compliance with the modular approval guidelines developed by the FCC.

In addition, the user manual for the end product must contain the following information:

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

7.2.2.2 RF-exposure Statement for cB-0702-01

This portable modular transmitter MUST have a separation distance of at least 2.5cm between the antenna and the body of the user or nearby persons, excluding hands, wrists, feet, and ankles.

If the radio module is installed in a laptop display, transmission MUST be prevented if the lid is closed to ensure that the minimum distance of 2.5cm between the user and the transmitting antenna is maintained.

Any notification to the end user of installation or removal instructions about the integrated radio module is NOT allowed.

Communiqué de Presse

BLUETOOTH, HIPERLAN
L'Autorité précise les conditions d'utilisation des équipements

Paris, le 5 juillet 2001

L'Autorité de régulation des télécommunications, à l'issue d'une concertation ayant conduit à un accord avec les Forces Armées, vient de préciser les conditions d'utilisation :

- des installations radioélectriques non spécifiques de faible puissance et de faible portée fonctionnant dans la bande des 2,4 GHz (qui comprennent notamment les produits à la norme Bluetooth),

- des systèmes de radiocommunication unilatérale sur site à faible portée (qui pourront notamment être utilisées lors de manifestations sportives),

- des réseaux locaux radioélectriques à haute performance (c'est à dire les "Hiperlan").

Conformément aux dispositions de l'article L.33-3 du code des postes et télécommunications, ces installations sont établies librement : aucune licence n'est donc nécessaire pour les utiliser.

- **Les installations radioélectriques de faible puissance et de faible portée fonctionnant dans la bande des 2,4 GHz**

L'Autorité autorise pour ce type d'installation la totalité de la bande 2400-2483,5 MHz, avec une puissance limitée à 10 mW à l'intérieur des bâtiments et 2,5 mW à l'extérieur des bâtiments.

Cette évolution répond en particulier aux demandes des opérateurs de téléphonie mobile et aux besoins des consommateurs pour les interfaces sans fil destinées à équiper des produits à la norme Bluetooth, tels les téléphones cellulaires et les ordinateurs portables.

Outre les produits à la norme Bluetooth, les installations en 2,4 GHz permettent différents types d'applications : transmission de données à large bande, télécommande et télécontrôle, télémétrie, transmission d'alarmes, voix et vidéo.

Le dispositif sera complété prochainement par une décision fixant les conditions d'utilisation des réseaux locaux radioélectriques (dits " RLAN ") dans cette bande.

- **Les systèmes de radiocommunication unilatérale sur site à faible portée**

L'Autorité, après une concertation approfondie avec le CSA, autorise ces dispositifs qui fonctionnent sur la bande de fréquences 26-26,1 MHz et permettent la transmission de la parole entre des relais radioélectriques et des récepteurs individuels spécifiquement destinés et adaptés à cet usage.

Ils concernent des applications à destination du public permettant par exemple à un arbitre, lors d'un événement sportif, d'informer de ses décisions les spectateurs présents dans le stade et munis d'une oreillette, ceci dans un but pédagogique et éducatif.

vendredi 15 avril 2005

http://www.art-telecom.fr/communiques/communiques/2001/23-2001.htm

- **Les réseaux locaux radioélectriques à haute performance (Hiperlan)**

L'Autorité autorise ces réseaux prévus pour répondre aux besoins d'utilisation de systèmes de transmission de données à haut débit.

Les Hiperlan fonctionnent à l'intérieur des bâtiments avec une puissance limitée à 200 mW dans la bande 5150-5350 MHz.

Ces trois décisions ont été homologuées par le ministre chargé des télécommunications et publiées au Journal officiel du 16 juin 2001.

Décisions fixant les conditions d'utilisation de ces systèmes (n° 01-439, 01-441 et 01-442 du 2 mai 2001), ainsi que les décisions attribuant les fréquences à ces usages (01-438, 01- 440 et 01-443 du 2 mai 2001)

RETOUR

7, Square Max Hymans - 75730 PARIS Cedex 15
Téléphone : +33 1 40 47 70 00 - Télécopie : +33 1 40 47 71 98

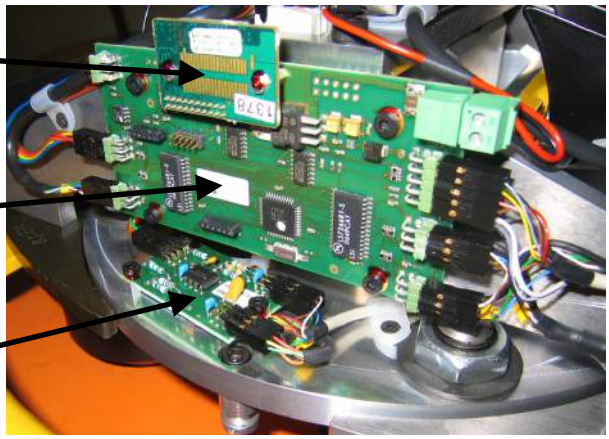
vendredi 15 avril 2005

7- Spare parts

Carte bluetooth / Bluetooth card :
Ref : NA.7020.11514

Carte mère / Motherboard :
Ref : NA.7020.13897

Carte index de rail / Index card :
Ref : NA.7020.21286



Carte Interrupteur / Switch card :
Ref : NA.7020.13670

Capot supérieur / Top cover :
Ref : NA.7020. 11457

Capot cablé / Cover with wiring :
Ref : NA.7022.SE15

Poignée jaune / Yellow handle :
Ref : NA.7020.16763

Désignation	Référence	Photo	Pds	NB
Butée de rail pivotante Pivoting rail stop	NA.7020.11401			1
Pièce de reset Reset PARTS	NA.7020.11413 + NA.7020.11414			1
Clavette de liaison Connection rail parts	NA.7022.SE18		0.5Kg	2
Goupille 6x50 Pin 6x50	NA.7020.03277			2
Vis Hc M8x10 Screws Hc M8x10	76ST08X01002			12
Vis Hc M6x20 Screws M6x20	76ST06X02002			2
Ecrou de rail Rail nut	NA.7020.11530			1
Appui avant Front support	NA.7020.16765		0.4Kg	1
Appui arrière Rear support	NA.7020.16764		0.5Kg	1
Vis CHc M8x20 Screws CHc M8x20	7608X02003Z			4
Doigt d'appui Support pin	NA.7020.04153		0.04Kg	2
Vis d'immobilisation doigt Support pin locking screw	NA.7020.04528		0.02Kg	2
Doigt d'appui conique Conical support pin	NA.7020.11352		0.04Kg	1
Traverse d'appui avant Front support crossmember	NA.7020.16770		4.5Kg	1
Traverse d'appui arrière NUE Rear support crossmember	NA.7020.16769		4.5Kg	1
Vis HM16x50 Screws HM16x50	7116X050032			4
Ecrou HM16 Nut HM16	911603Z			4
Rondelle Washer M16	961648Z			4
Palonnier Front rail support	NA.7020.17253			1
Vis du palonnier Front rail support screws	NA.7020.4412			1
Barre étalon Standard bar	NA.7020.19647			1
Commande à distance filaire Remote control (with wire)	NA.7020.4756			1
Probe 50mm	NA.7022.SE21			1
Probe 200mm	NA.7022.SE22			1
Probe 400mm	NA.7022.SE23			1
Probe 550mm	NA.7022.SE24			1
Probe en L	NA.7022.SE25			1
Probe Mc Pherson	NA.7022.SE26			1
Batterie 6V 7Ah Battery 6V 7Ah	ELAC.105		1.3Kg	2
Chargeur de batterie Battery charger	ELAC.074			1

Embout M6 M6 socket	NA.7001			1
Embout M8 M8 socket	NA.7002			1
Embout M10 M10 socket	NA.7003			1
Embout M12 M12 socket	NA.7004			1
Embout M12L-F10 M12L-F10 socket	NA.7004L			1
Embout M14-F12 M14-F12 socket	NA.7005			1
Embout M16-F13 M16-F13 socket	NA.7006			1
Embout M18-F14 M18-F14 socket	NA.7007			1
Embout M20-F15 M20-F15 socket	NA.7008			1
Embout M22-F16.5 M22-F16.5 socket	NA.7009			1
Embout M23-F17.5 M23-F17.5 socket	NA.7010			1
Embout M24-F19 M24-F19 socket	NA.7011			1
Embout M25-F20 M25-F20 socket	NA.7012			1
Embout M27-F21 M27-F21 socket	NA.7013			1
Embout M28-F22 M28-F22 socket	NA.7014			1
Embout M29-F24.5 M29-F24.5 socket	NA.7015			1
Embout M30-F25.5 M30-F25.5 socket	NA.7016			1
Embout M30-F28 M30-F28 socket	NA.7017			1
Embout S25 S25 socket	NA.7052			1
Embout conique Conical socket	NA.7018			1
Ressort d'embout Socket spring	NA.7019			
Embout conique Mc Pherson Mc Pherson conical socket	NA.7035			1
Pièce suivi réparation Part to follow the repair operation	NA.7034			1
Fourreau de guidage Guiding tube	NA.7036			1
Support à galet de rail Roller support for rail	NA.7042			1