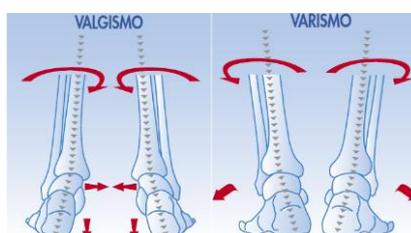
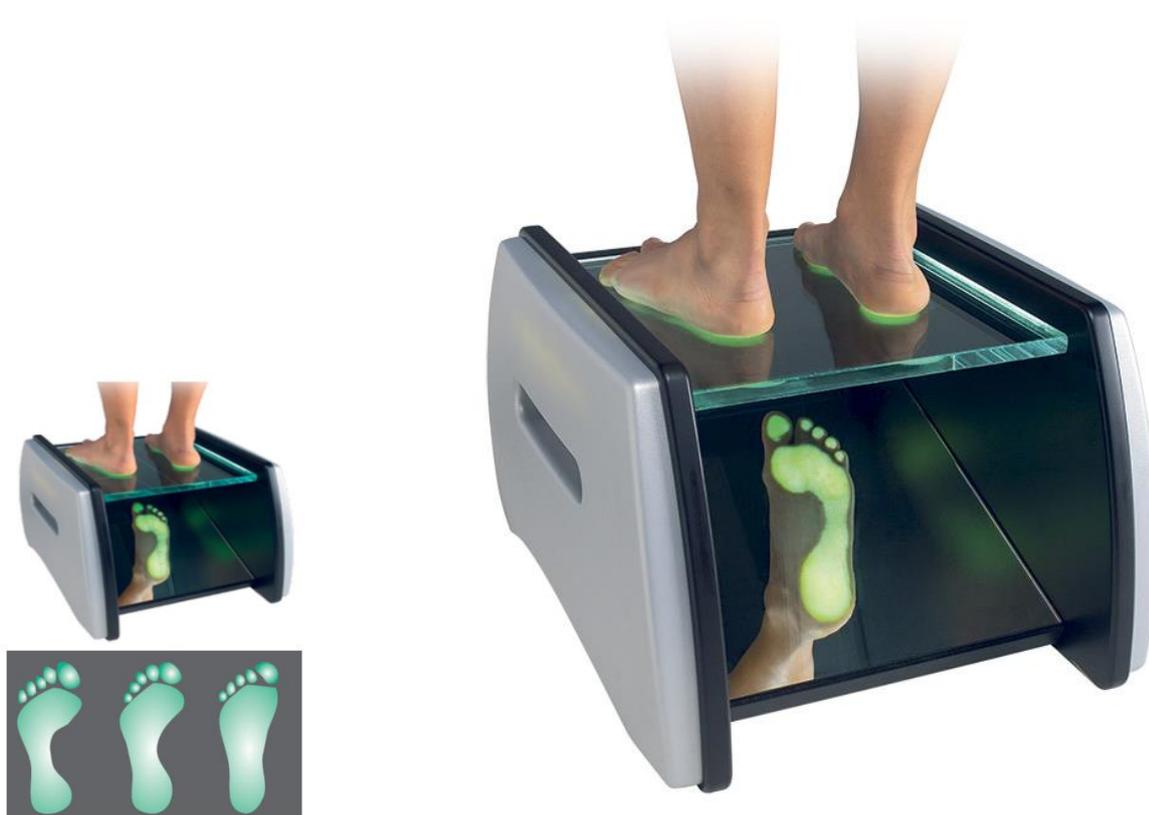


**Art.02990** rev.002 **PODOSCOPIO LUX/PODOSCOPE LUX**  
**Art.02997** rev.002 **PODOSCOPIO RGB/PODOSCOPE RGB**

Apparecchio per l'analisi plantare dei piedi  
Device for plantar analysis of the feet

**MANUALE D'USO E MANUTENZIONE**  
**USER AND MAINTENANCE MANUAL**



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# ENGLISH VERSION

## 1 GENERAL INFORMATION

### 1.1 Purpose, content and recipients of these instructions

The purpose of this manual is to provide the information required to permit proper use of the equipment, and make it possible to use it independently and safely.

This manual contains information on technical, operation, and maintenance aspects, as well as spare parts and safety.

It is also intended for technicians responsible for maintaining the equipment.

This Instruction Manual must always be kept with the equipment and must be carefully preserved in order to avoid compromising its readability.

If sold to third parties this manual has to be handed over with the other documents as required by European Directive 93/42 EEC

### 1.2 Manufacturer

CHINESPORT S.P.A, Via Croazia, 2-33100 Udine Italy

tel. +39 0432621621–fax+39 0432621620 – website: [www.chinesport.it](http://www.chinesport.it)

The company has a quality system that complies with the UNI EN ISO 13485:2012 standard.

### 1.3 Intended use and equipment description

The PODOSCOPE LUX NEW is a piece of equipment for analysing the soles of feet. It provides a real view of the sole of the foot and highlights points bearing greater and lesser loads, due to a lit glass surface and angled mirror.

We recommend using PODOSTABIL LUX (pedestal with handrail) for patients that are insufficiently stable and balanced.

### 1.4 Product details

Further documentation can be found on our website [www.chinesport.it](http://www.chinesport.it)

In particular, you can connect to the website quickly by reading the QR code on the cover of this manual. Where required the QR code can also be found on the product.

You can download the latest version of the declaration of conformity and other details can be downloaded from the “online product data sheet” section of the website, in a more updated form if applicable.

In order to understand the instruction manual better, see chapter 3 USE

### 1.5 Storage

The following conditions must be ensured when the equipment is to be stored:

relative humidity 10% - 90%; temperature -10°C - +50°C - clean environment

### 1.6 Symbols

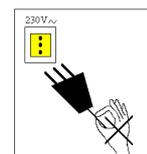
The symbols found in this manual and on the machine are used to draw the user's attention to important safety warnings and useful information. Observe all warning, caution and danger messages.

	<b>WARNING</b> This symbol identifies operating/maintenance instructions or procedures which, if not observed, could result in injury or danger to the user.
	<b>ELECTRIC SHOCK HAZARD</b> This symbol identifies operating/maintenance instructions or procedures which, if not observed, could result in a risk of electric shock.
	<b>CAUTION</b> This symbol is used to warn the user that failure to observe certain operating or maintenance procedures, general rules or conditions, could result in damage to the equipment.
	<b>NOTE</b> Notes draw the user's attention to important information on topics, applications or procedures.
	<b>SUGGESTION</b> Suggestions draw the user's attention to the quickest and simplest way to complete an activity.

## 2 SPECIAL WARNINGS AND USE RESTRICTIONS

This equipment is designed and built exclusively for carrying put the functions described in this instruction manual.

- **This equipment must not be used:**
  - When its use is contraindicated or causes discomfort to the patient.
  - For people that weigh more than 200 kg.
  - On unstable and/or uneven surfaces (e.g. stairway, steps, etc.).
  - If the original product has been modified or tampered with.
  - In an explosive and/or corrosive atmosphere, or exposed to severe weather conditions.
  - With improper configuration or when it may be harmful for the patient.
- If used by aged persons or people with limited balance, we recommend taking special care or using specific support systems (handles that can be wall-mounted or the PODOSTABIL LUX accessory).
- The material of which the glass is made may include some minor imperfection, striation, and/or microscopic luminescent dots on the surface, but these do not affect the equipment's functionality.
  - Turn off the equipment when not in use for a long time to increase durability and reduce energy consumption.
  - Plastic or wooden parts of the equipment can catch fire if brought into contact with naked flames.
- Never spill liquid of any kind on the equipment.
  - Always unplug the mains power supply before moving the equipment.
  - Check the state of the power supply cable periodically. If the cable is worn, do not use the equipment and contact Chinesport's customer service.
  - Always disconnect the plug from the electricity mains before doing any maintenance work on the equipment.
  - Do not connect the equipment to an electrical system that does not conform to the current standards for the system.
  - When unplugging the power supply line, grip the plastic plug and do not pull on the cable.



### 2.1 Side effects and contraindications

There are no particular side effects when this equipment is used correctly, provided this instruction manual has been studied.

The equipment is not recommended for people with significant balance problems, unless fitted with the PODOSCOPIO LUX accessory.

## 3 USE

### 3.1 Standard fittings

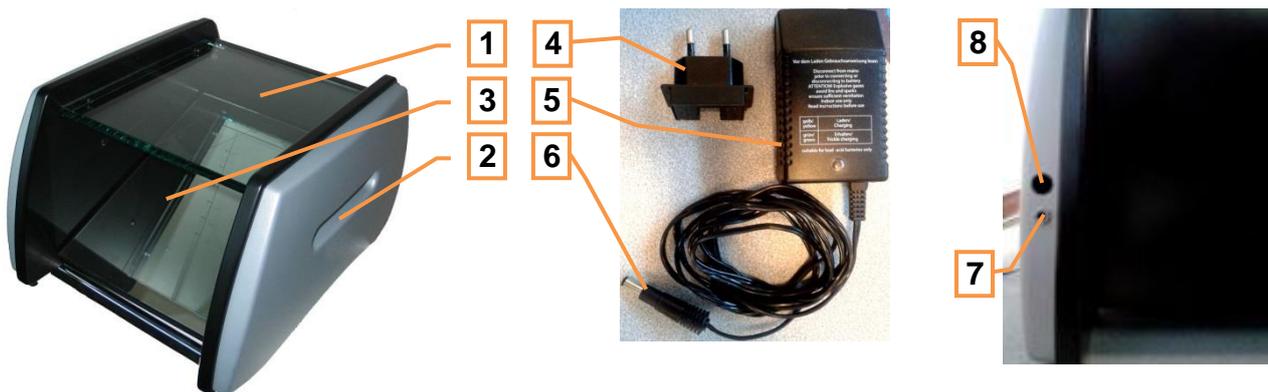
The podoscope is delivered, packaged to protect it against any impacts that may occur while in transit.

The pack contains:

- The podoscope
- The power supply unit
- EU power supply adapter
- GB power supply adapter
- This manual
- The electrical safety test report.
- RGB remote control (only 02997)

### 3.2 Major components

- 1) Glass pedestal top
- 2) Handles
- 3) Angled mirror for examination
- 4) EU (in photo) and GB plug
- 5) Power supply unit
- 6) Power supply - podoscope connection plug
- 7) Power supply - podoscope connection socket
- 8) Power button



### 3.3 Setting up, setting and starting up



**WARNING**

Before using the equipment make sure it is stable. The equipment must be positioned away from stairs, sloping floors, etc.

When dealing with patients with balance problems, be particularly careful and support them.

- Take the equipment out of the packing by gripping it on the side handles.
- Position the equipment in an easily accessible place, so that the patient's safety can be guaranteed. Check that the area the equipment is positioned in allows it to be connected and disconnected from the mains power supply easily and safely. To facilitate getting onto and off of the podoscope, we recommend fitting the PODOSTABIL LUX (platform with handrail).
- Make sure that the mains power supply corresponds to that shown on the equipment's data plate.
- Fit the EU or GB plug to the power supply unit.
- Connect the power supply unit to the mains supply after checking that the plug adapter is inserted correctly.
- Connect the plug on the power supply unit to the podoscope and push the powerbutton. (only for 02997 model: insert battery on remote controller and push on-switch)

- Check that the LED lights switch on correctly.
- Get the patient to step onto the equipment with bare feet.
  - Use the mirror below for the examination.
  - Once the examination is complete, we recommend switching off the equipment by power button and disconnecting the power supply unit from the mains, thereby extending the lifespan and reducing electricity consumption even though it is very limited.

### 3.4 Transporting the equipment

The equipment can be transported by one person, after disconnecting it from the mains power supply. We recommend packing the equipment like it was when delivered, to prevent any damage in transit.

## 4 MAINTENANCE

Maintenance operations are to be carried out by specialist technicians that have studied the contents of this instruction manual.

Check that the equipment is safe after any "harsh treatment" (e.g. falling, harsh impacts, spillage of liquids, etc.) and whenever there is any doubt about the safety of the equipment.

### 4.1 Periodic maintenance

In order to keep the equipment in excellent safety and functionality condition, check its mechanical soundness once a year.

 **WARNING** 

When safety is at risk, immediately turn off the equipment and do not use it until the danger has been eliminated.  
Use the relevant form enclosed to record any defect / damage / action that is significant for the safety of the equipment.

FREQUENCY	OPERATION
Weekly	General cleaning of the equipment (for the glass top after each examination)
	Visual and functional inspection of the equipment and any accessories.
	Visual inspection to ensure that the electric cable is in good condition.

### 4.2 Extraordinary maintenance

Extraordinary maintenance must be carried out by skilled technicians who are familiar with the contents of this instruction manual.

 **WARNING** 

Please contact Chinesport customer service for all operations not mentioned in the maintenance list.

### 4.3 Spare parts

A spare parts list is supplied on request by Chinesport S.p.a. and also includes product order codes and price lists.

## 5 TROUBLESHOOTING

The equipment has undergone heavy-duty tests and no significant breaks and/or failures were reported.

If the equipment does not work, refer to the troubleshooting table below.

PROBLEM	CAUSE	SOLUTION
The equipment's light does not switch on.	Power supply unit not connected to the mains.	Connect to the socket.
	No power on the socket (LED off).	Change socket and/or call in an electrician.
	Power supply unit not connected to the podoscope (Green LED on).	When connected the LED turns orange.
	Power supply unit faulty (LED off).	Replace
	Podoscope's LED faulty (power supply unit LED green).	Replace the podoscope's LED.
	Power supply unit - podoscope connection socket broken.	Replace the socket.
Light level reduced on one of the 2 sides.	One of the podoscope's two LED strips is faulty.	Replace

If troubleshooting table does not cover your problem, you can open a service ticket via the customer service section of the [www.chinesport.com](http://www.chinesport.com) website.

### PLEASE NOTE:

Before calling our customer service department, be sure to have your **SERIAL NUMBER** to hand: you can find it on the product label located on the equipment (as shown in the image), or the delivery note / invoice number. This identification number helps reduce waiting times and improves service quality.



### NOTES:

Equipment to be repaired on Chinesport's premises must bear the "**AUTHORIZATION NUMBER**" on the package. This identification number, which must be obtained from our Customer Service Department, helps reduce waiting times and improves service quality.

Alternatively, you can contact Customer Service by e-mail ([assistenza@chinesport.it](mailto:assistenza@chinesport.it)). Users without an internet connection can send a fax (0432 621 698) or phone (0432 621 699), but our response time could be longer.

## 6 CARING FOR THE FRAME AND CLEANING

Electrical equipment must be disconnected from mains power before cleaning.

The equipment's structure is in varnished wood, plastic and glass. Its strength and ease of maintenance make it particularly suitable for use in hospitals, old age homes, etc.

Dust using a soft, damp cloth or chamois. Dry or abrasive cloths may cause scratches on the surface and create a static electricity charge on the surface.

### 6.1 Washing

Dust gently and in case of light stains pass a damp cloth or a neutral detergent over the surface. Let the fabric dry avoiding direct exposure to sunlight.

The glass top and mirror can be cleaned using normal glass cleaning products.

The following instructions are recommended for small local and more stubborn stains (oil, fat, cosmetics, ink, coffee, liquor, chewing-gum etc.): Dissolve the stain immediately using clear ethyl alcohol diluted in water at 20%, dab and then treat with a neutral detergent solution. Rinse well.

### 6.2 Disinfection

#### 6.2.1 Personal disinfection

The use of disinfectants such as AMUCHINA® 10% is recommended for the disinfection of hands or body parts that come in contact with the patient or surfaces. These should have the following activity spectrum:

Bactericidal activity in the presence of interfering substances according to EN 1276:1997 (1).

Fungicidal activity in the presence of interfering substances according to EN 1650:1997 (1).

Bactericidal activity on surfaces according to EN 13697:2001 (2).

Fungicidal activity on surfaces according to EN 13697:2001 (2).

Activity against Salmonella tiphymurium according to EN 13697:2001 (3).

Activity against HIV(4), HAV - HBV(5), HCV (6).

Virucidal activity according to EN14476:2005 (7).

Virucidal activity against influenza virus (H1N1) according to EN14476:2005 (8).

Read the package leaflet before use.

#### 6.2.2 Disinfection of surfaces

The use of AMUCHINA ALL-PURPOSE DISINFECTANT® is recommended for disinfecting the equipment, especially the sky upholstery, hand control, frame, and it should have the following activity spectrum:

Bactericidal activity in the presence of interfering substances according to EN 1276:1997 (1).

Fungicidal activity in the presence of interfering substances according to EN 1650:1997 (1).

Bactericidal activity on surfaces according to EN 13697:2001 (2).

Fungicidal activity on surfaces according to EN 13697:2001 (2).

Activity against Salmonella tiphymurium according to EN 13697:2001 (3).

Activity against HIV (4), HAV – HBV (5), HCV (6).

Virucidal activity according to EN14476:2005 (7).

Virucidal activity against influenza virus (H1N1) according to EN14476:2005 (8).

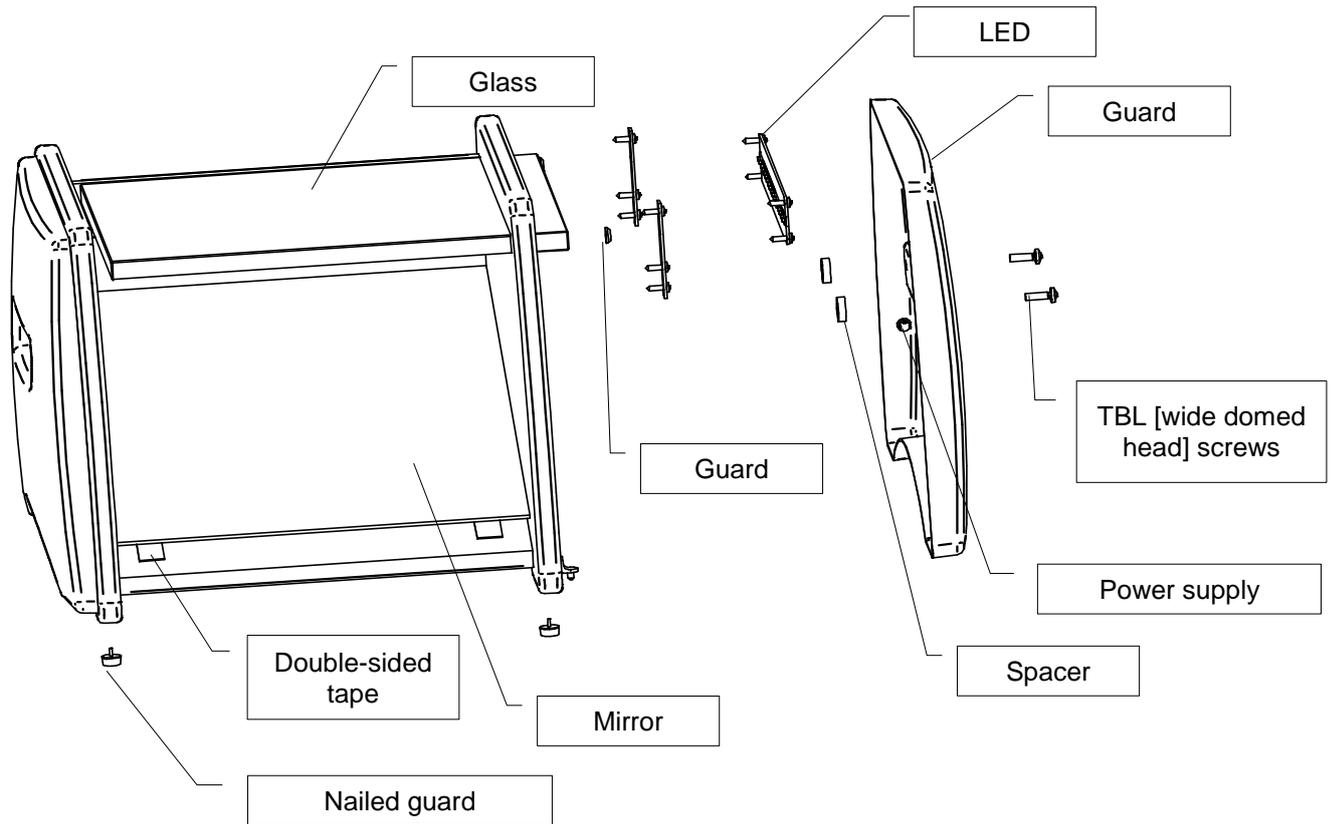
Read the package leaflet before use.

#### **WARNING**

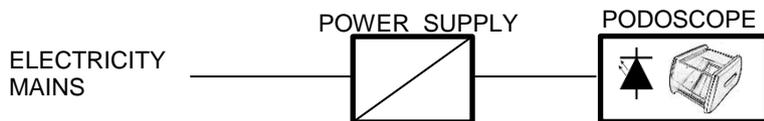
- Use the equipment under hygienic conditions, and disinfect the glass surface carefully.
- Aggressive products can damage surfaces.
- Before using the equipment check that all components are completely dry.
- **DO NOT USE:** Alcohol based products for cleaning glass, abrasive compounds, solvent such as acetone, benzene, alcohol, carbon tetrachloride, or similar products. These may scratch the surface, forming little cracks.

## 7 TECHNICAL SCHEDULE, EXPLODED DIAGRAM AND PRINCIPAL DIMENSIONS

<b>CHARACTERISTICS</b>	<b>Art. code: 02990</b>
Power supply	<b>Primary double insulated 100-240Vac-50/60Hz 0,25A Secondary 12Vdc 1.25A</b>
Fuse	<b>Inside the power supply unit, cannot be inspected</b>
Dimensions (mm)	<b>560x452x320h</b>
Work surface dimensions (mm)	<b>324x360</b>
Weight empty	<b>15,5Kg</b>
Maximum capacity	<b>200Kg</b>



## 8 WIRING DIAGRAM



## 9 RELATED ITEMS

### 9.1 PODOSTABIL

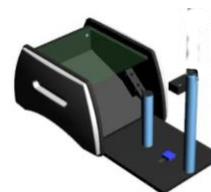
Podostabil allows greater patient safety and stability when using the podoscope.



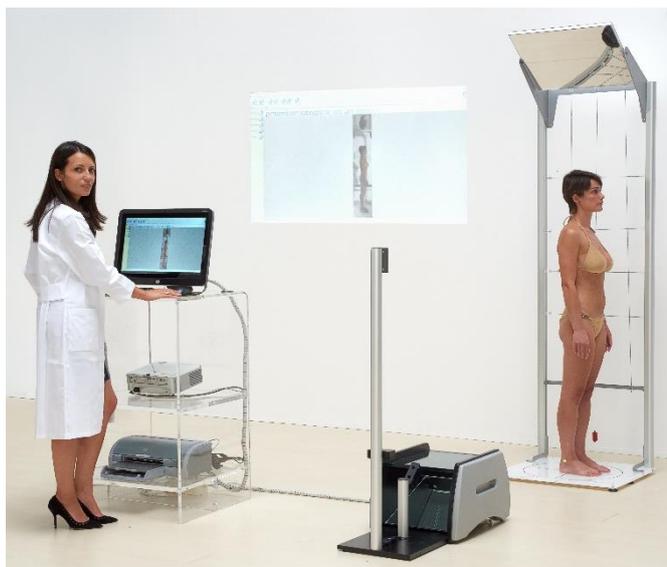
### 9.2 FOOT ANALYSER

The Foot Analyser is made up of a platform, cameras and software used to acquire and manage images of the support provided by feet.

Dimensions cm 30 x 33 x 45 h



### 9.3 GPS



This is a system for analysing posture made up of a number of units and software that makes it possible to acquire and manage images of various sections of the body, as well as how the feet support the body, using cameras.

Gathering data to do a stability measuring evaluation is not possible. This can be added later by buying a stability measuring platform.

## 10 WARRANTY

### GENERAL AFTER-SALES SERVICE CONDITIONS FOR CHINESPORT ITEMS

The warranty shall be valid for a period of 24 months from the date of delivery.

The warranty does not cover consumable items, rechargeable batteries, and generally all materials subject to wear, breakdowns caused by knocks, falls, misuse or improper use, accidental events and damage while being transported. This warranty shall be automatically invalidated if the equipment is tampered with.

Repair of the equipment will be carried out in relation to the breakdown reported.

A quotation must be specifically requested.

Payment is cash on delivery, unless otherwise agreed.

Any dispute will be settled solely by the Court of UDINE.

### REPAIRS UNDER GUARANTEE

Repairs under warranty must be specifically requested.

Repairs under warranty shall be carried out at our workshop and upon authorization, complete with the return authorization number.

Products are to be shipped in their original packaging, carriage paid.

A fiscal document (bill of sale, purchase invoice or cash receipt) is required to make a warranty claim; the purchase date indicated must fall within the warranty time period.

If the product is found to be in good working order without defect, the customer will be charged for the fault-finding service.

### REPAIRS NOT UNDER GUARANTEE

For repairs not covered by the warranty carried out at our workshops upon authorization, transportation charges shall be paid by the customer.

The warranty on the parts replaced during repair operations is 12 months from the moment the equipment is collected.

If the product is found to be in good working order without defect, the customer shall be charged for the fault-finding service.

### REPAIRS DONE AT HOME

If repairs are done at the customer's home, a written request is required indicating the complete details of the person making the request, the type of machine and the breakdown.

The cost per kilometre for on-site technician visits will be agreed upon in relation to the customer's urgency.

If the machine is under warranty, the customer will have to pay only the expenses incurred for the technician to reach the customer's house.

Time is calculated from the moment the technician leaves our workshop until they return. The time of his/her return will be estimated based on the time required to get there.

### SALE OF SPARE PARTS AND CONSUMABLE ITEMS

Orders must be in writing and state the customer, the item and the shipping method as well as the customer's precise fiscal details.

The order processing time can vary depending on the availability of the material.

Returned spare parts will not be accepted.

Payment will be cash on delivery, unless otherwise agreed.

## 11 DISPOSAL OF ELECTRICAL OR ELECTRONIC EQUIPMENT AND PACKAGING

The symbol found on the equipment indicates that the waste must be "collected separately".



Therefore, the user shall take the waste to the separate waste collection points arranged by local authorities, or deliver it to the sales dealer against purchase of equivalent equipment (only in Europe). The separate collection of waste and subsequent treatment, recovery and disposal operations promote the production of equipment using recycled materials and reduce the negative effects on the environment and health that improper waste management can cause.

Fraudulent disposal of the product will result in an administrative fine being imposed on the user by Authorities according to local Law.



## Some important notes on contacting our after-sales customer service:

If troubleshooting table **does not cover your** problem, you can open a service ticket via the customer service section of the [www.chinesport.com](http://www.chinesport.com) website.

### PLEASE NOTE:

Before calling our customer service department, be sure to have your **SERIAL NUMBER** to hand: you can find it on the product label located on the equipment (as shown in the image), or the delivery note / invoice number. This identification number helps reduce waiting times and improves service quality.



Alternatively, you can contact Customer Service by e-mail ([assistenza@chinesport.it](mailto:assistenza@chinesport.it)). Users without an internet connection can send a fax (0432 621 698) or phone (0432 621 699), but our response time could be longer.

## Alcune indicazioni importanti per contattare il nostro servizio post-vendita:

Nel caso che la procedura di rilevamento di guasti non abbia avuto esito soddisfacente è possibile aprire un ticket di assistenza tramite il nostro sito [www.chinesport.it](http://www.chinesport.it) alla sezione Assistenza.

### Attenzione:

Rilevare sempre il “**NUMERO DI MATRICOLA**” o in alternativa “**CODICE e ARTICOLO**” riportato sull’etichetta di prodotto posta sull’apparecchiatura (vedere evidenza nel fac-simile sotto riportato) , oppure il n° del DDT/bolla o fattura. La sua identificazione riduce i tempi e migliora la qualità dell’intervento.



In alternativa è sempre possibile contattare l’assistenza tecnica tramite email ([assistenza@chinesport.it](mailto:assistenza@chinesport.it)); per gli utenti sprovvisti di connessione internet resta sempre possibile inviare un fax (0432 621 698) o telefonare (0432 621 699), ma i tempi di risposta potrebbero essere molto più lunghi.