pro's pro® V-500

Micro-computer program

Stringing machine manual

V-500

Attention:

Please read this manual carefully before operating with the machine.

Keep it properly for the aftersale service.

Catalogue

Attentions.....(2)
Operating attentions.....(2)
Safe using attemtions.....(2)

Technical Data.....(3)

Components.....(3)
Spare parts.....(3)
Compost.....(4)

Use instruction.....(6)
Unpacking and assemble.....(6)
Use instruction.....(6)

Stringing method.....(8)
For badminton racket.....(8)
For tennis racket.....(9)

Maintenance and trouble shooting.....(10)
Maintenance.....(10)
Trouble shooting.....(10)

Service guide.....(11)
Product certification.....(12)
Product Warranty card.....(13)

Safety precautions

2.1. Followings are fatal informations for your safety, please observe strictly.

"⚠"Warning mark ---- Any information in this manual with a warning mark must be abided by strictly, otherwise there will be danger of the personal safety or could lead to a significant accident.

"⃠"Forbidden mark ---Any information in this manual with a forbidden mark must be abided by strictly, otherwise there will be danger of the personal safety or could lead to damage of the machine.

2.2. Warning

⚠Do use 220v or 110v AC power and the provided cable and plug. Please make sure the power match match the machine in the play court.

⚠ Do not disassemble or change the machine voluntarily(Such as loose cable machine pull pounds of lead screws are not allowed), otherwise it will damage the machine or cause serious accidents.

⚠ Do not use the machine close to volatile or flammable gas.

⚠ Do keep away from heat, prevent putting the machine under the sun for long time avoiding the plastic and rubber parts become aged.

⚠ Do contact with local service provider or manufacturer. If the machine has an unusual situation, for example: big noise, strong smog and leakage, please cut the power immediately.

⚠ Do unplug the power plug when the machine is not in used or renew parts.

2.3. Forbidden

⚠ Do not let the kids play with the machine or power equipment.

⚠ Do not touch the inner parts when the machine is operating or it will cause an accident.

⚠ Do not let the kids operate the machine when cleaning up interior of the machine, in order to avoid damaging the machine or causing any danger.

⚠ Do not operate the power or machine switch with barefoot or wet hands.

⃠ Do not move it during working.

⃠ Do not put other objects onto or into the racket stringing machine.

⃠ Do not clean the surface of the machine with volatile wet cloth.

⃠ Do not putting it aside in moist or other bad environment.

⃠ Do not pressing the ascending and descending pounds function together, otherwise it will cause damage to the machine.

⃠ Do not placing the cable in high temperature or beside the heating.

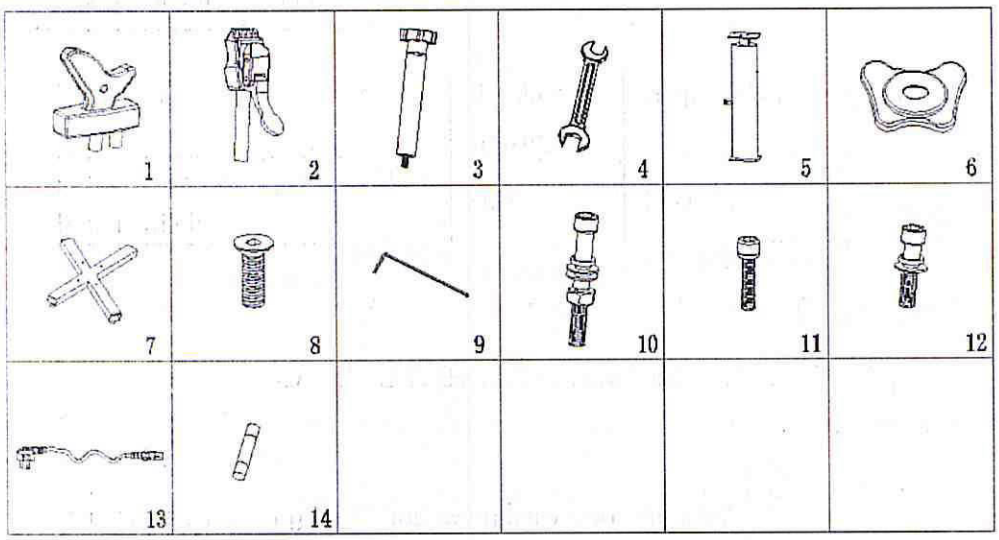
Specification

Details			
Style	V-500	Suit for	Any rackets（tennis racket、badminton racket. etc）
Color	Black&white	Display	LCD display（tension range 1-90 lbs）
Type	Computer standing（table top） racket stringing machine	Feature	Weight memory，self-check，knot and pre-stringing weight adding，kg/lbs switch
Tool plate	Full tool set	Racket-clipping system	Six point holding system
Operation	Straight line stringing method, Touch switch.	Size	40KG/0.3CBM

Components and Installation

3.1. Components

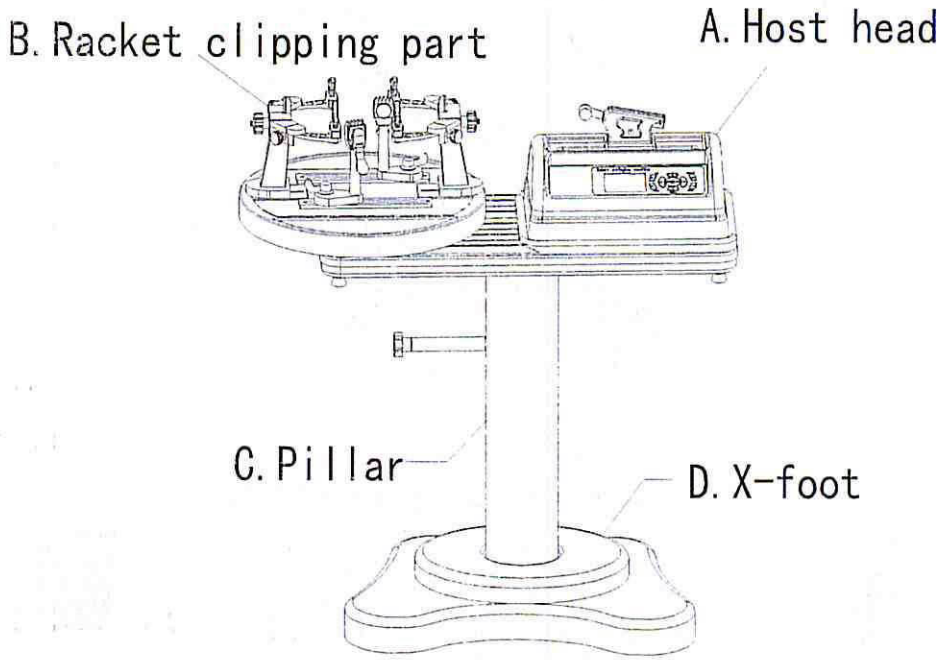
Please check the parts according to the following list when unpacking.



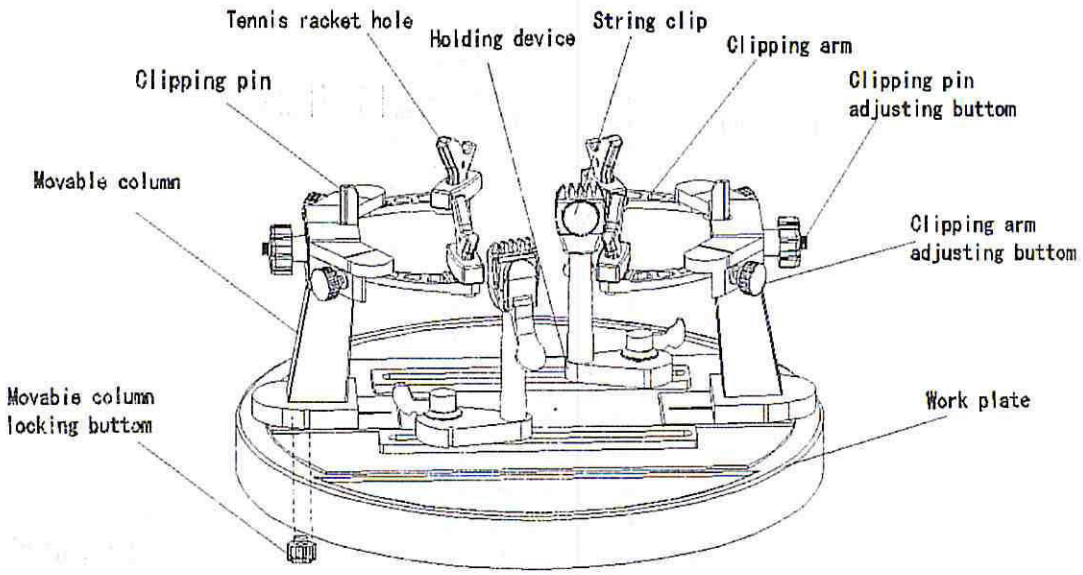
No.	Item	Size/U.	Qty	No.	Item	Size/U.	Qty
1	K-clamp	piece	4	8	Screw for tool plate	M10	4
2	5-teeth clamp	piece	2	9	Hexangular wrench	5,6mm	1
3	String hanger axle	pcs	1	10	Screw for pillar	M8	4
4	Open mouth wrench	3*20cm	1	11	Screw for head	M6	2
5	Pillar	14-17mm	1	12	Screw for under-board	M6	4
6	Butterfly cover	pcs	1	13	Power cable	pcs	1
7	X-foot	pcs	1	14	fuse	pcs	1

3.2. compost

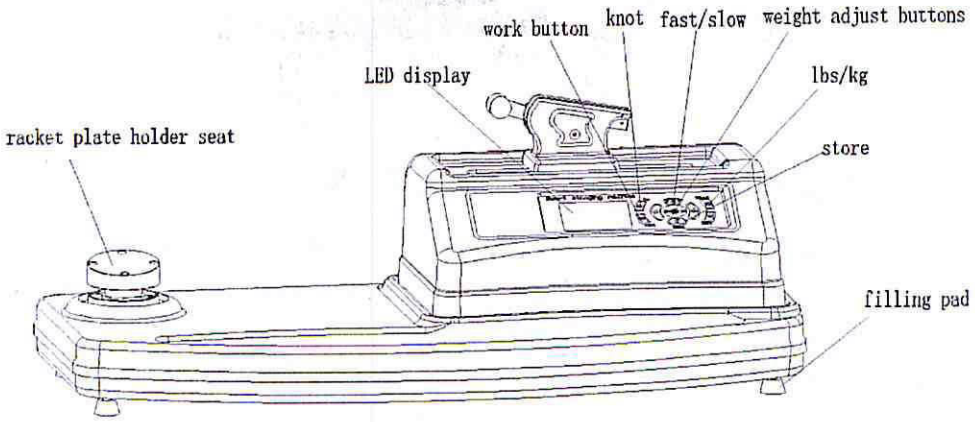
1.Whole machine



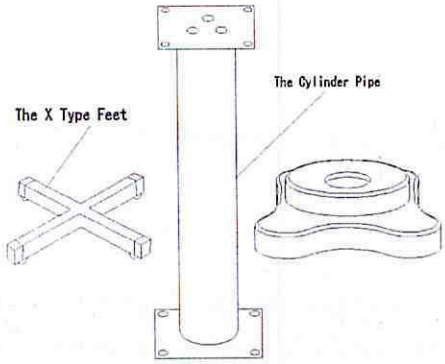
2.Racket-clipping part



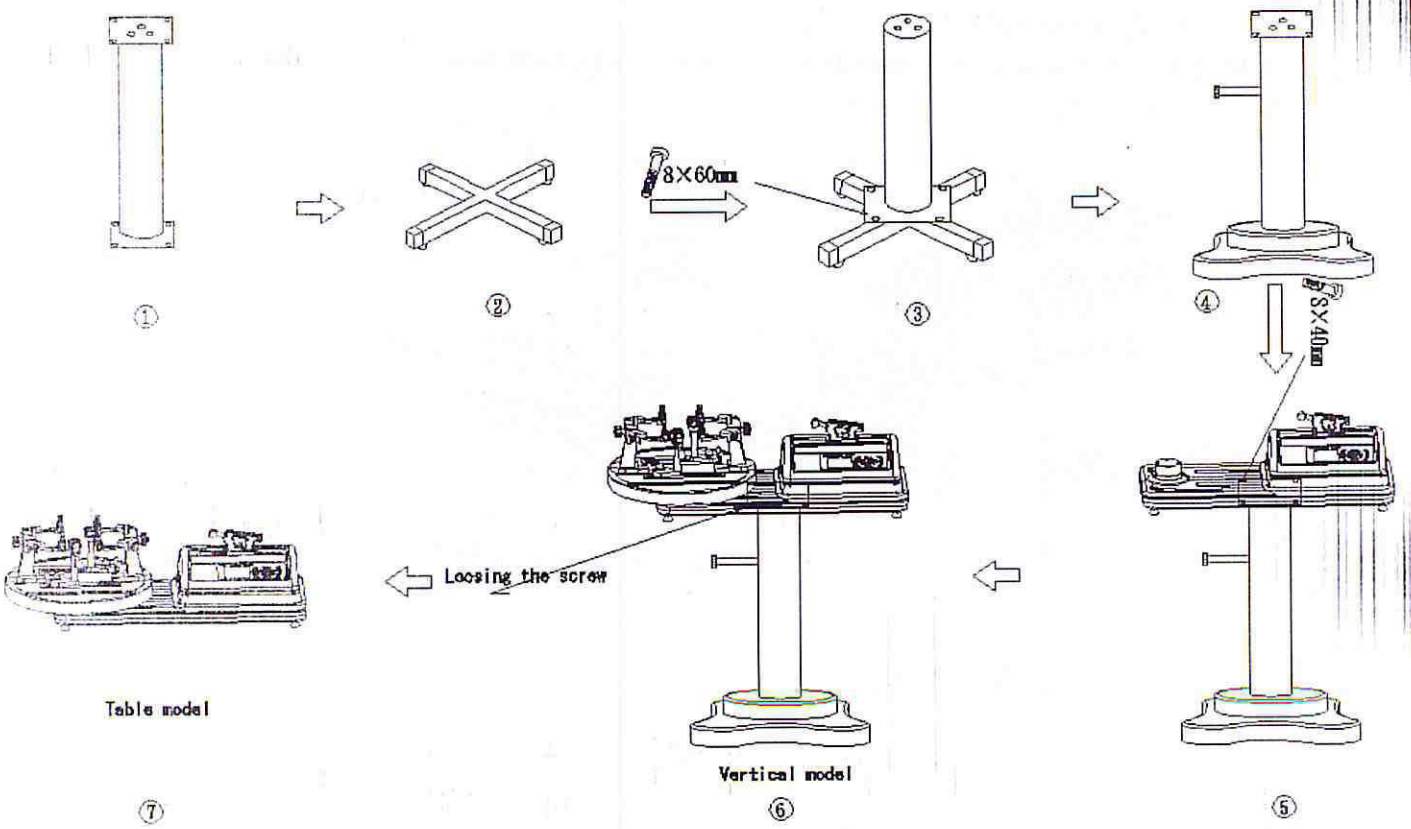
3. Main machine



4.Stand illustration



5. Assemble Sketch



Use instruction

4.1. Unpack and installation

1.Unpack the package, check up the main machine and accessories qty if there is some fault or not.

2.Screw the pillar and X-foot tightly first,and then screw tight the head and the supporting pillar, finish the racket holding plate at last.（refer to installation sketch）

3.Adjust the filling pad under the X-foot to make the machine stable.

Attention: All of the mating screws supply by Pro's Pro are steel products, please lock them tightly when install the machine.

4.2. Panel and Machine Operation.

A：Panel introduction.

1.Speed mode: Stringing speed gears, F1: Polyester / Co-Polyester, F2: Synthetic Gut, F3: Natural Gut / similar to Natural Gut

2.KG/LB button: KG and LB unit switch.

3."-""+" buttons: Tension adjust button.

4."Work" button: Start to stringing and return.

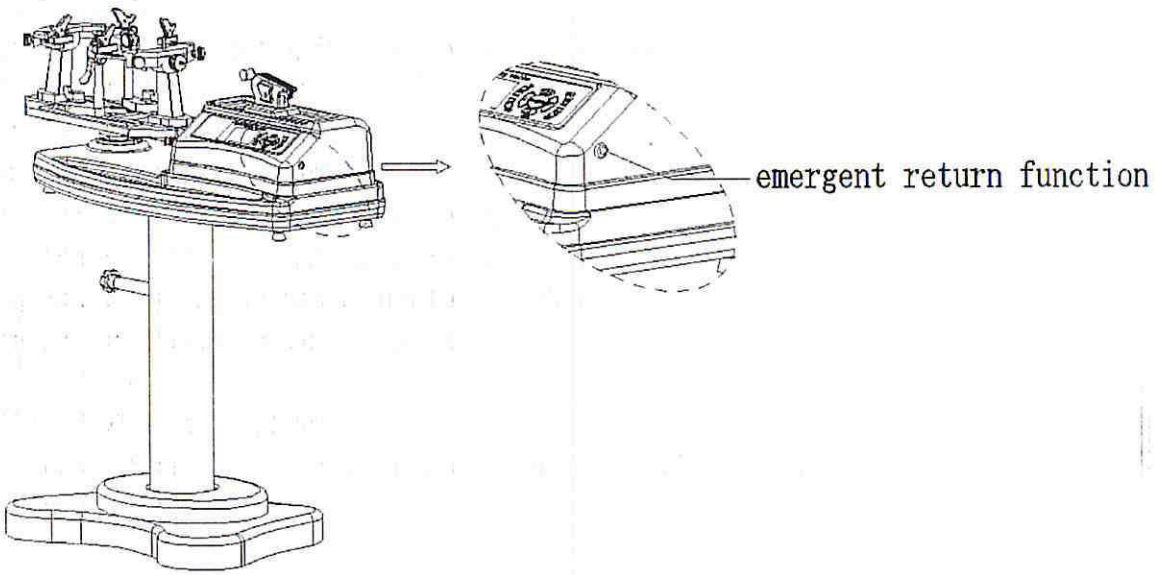
5."Store" button: weight store button, it can store 3 weights randomly, weight can be shown when the machine is on.

6.Pre-stringing: There are 0%, 5%，10% weight pre-stringing settings on the panel. Pre-stringing is the action that before stringing, you clamp the string on the machine and then pull the string with a certain weight so as to make the string structure loose a little bit. It makes stringing easier and guarantee the weight stable in case the string rebound and uneven weight between lines.

7.Tie button: Weight will increase 1-2 lbs.

8.Calibration function: Press "-" "+" at the same time, when it rings it will revise automatically.

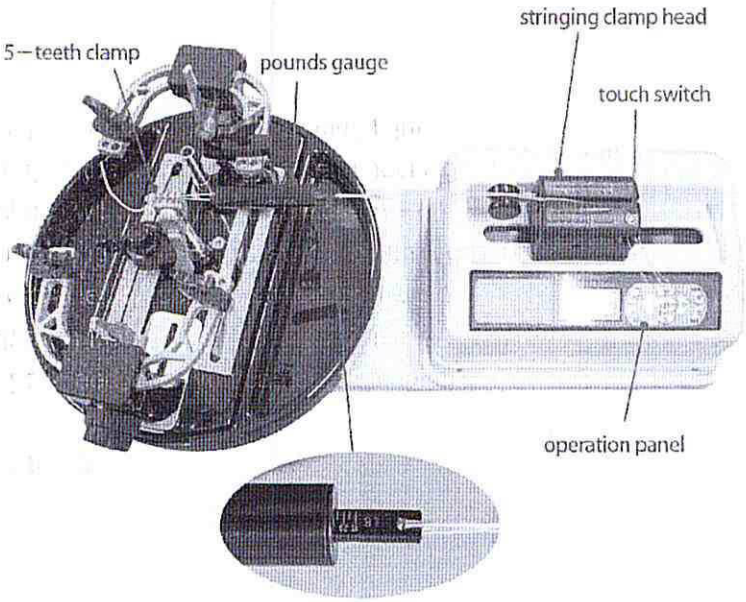
9.Emergent return function.



B: Testing Step.

1.Choose the right power(e.g. 220V-50HZ) and then plug tight.
2.It's forbidden to clamp string in the head while it's self-checking.
3.Turn on the power, Self-check will display on LCD screen.
4.Stringing clamping head move right, check the switch on the right.
5.Stringing clamping head move left, check the switch on the left.
6.There are 4 test item display in LCD. When it's all "√"these 4 items, shows the machines is in good condition. After testing, set the weight that you need, then you can start stringing.

C: Weight test device usage



1.There is 1 unit on each side: one side is pound, range from 10-100 lbs. Another side is KG, range from 10-40 kg.
2.Tie the string at both ends of the device. The right side tie to the racket holder plate, another side clamp at the stringing clamping head.
3.Set the needed weight on the panel.
4.Touch the start switch or press "work" button to start testing, if the weight shown on the LCD same as the device means the weight is correct; DIF 1 lbs.

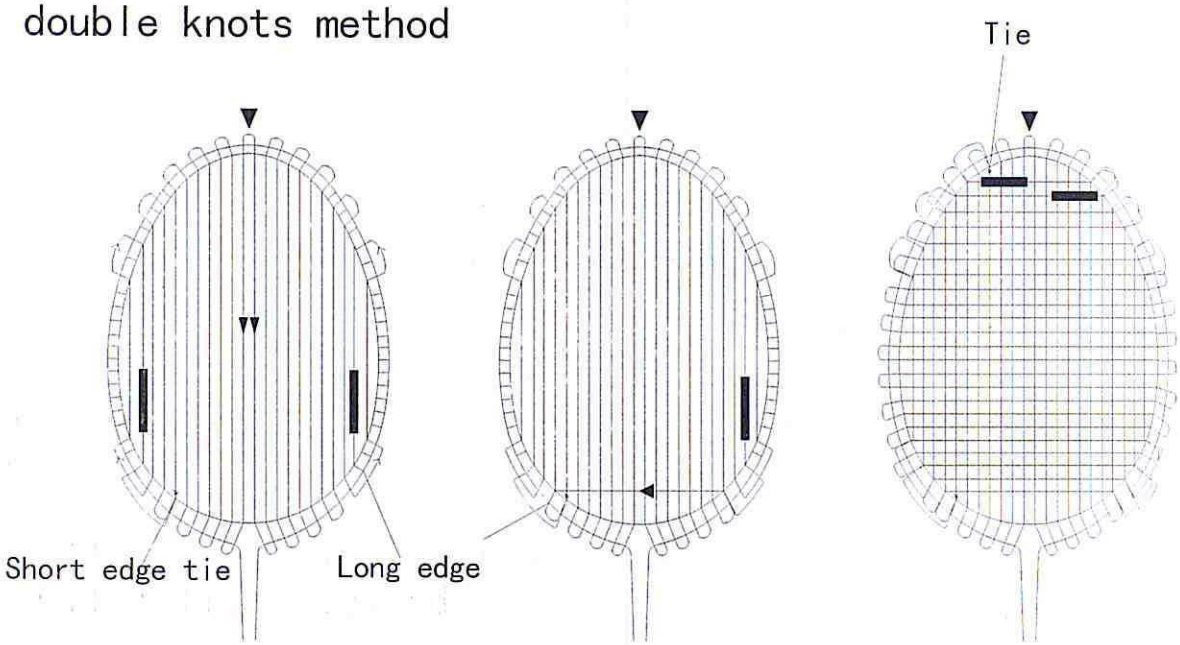
D: Pounds Correction

Rally machine with automatic correction function, while tap "-" "+" key, I heard "drip" sound that is automatically cleared correction.

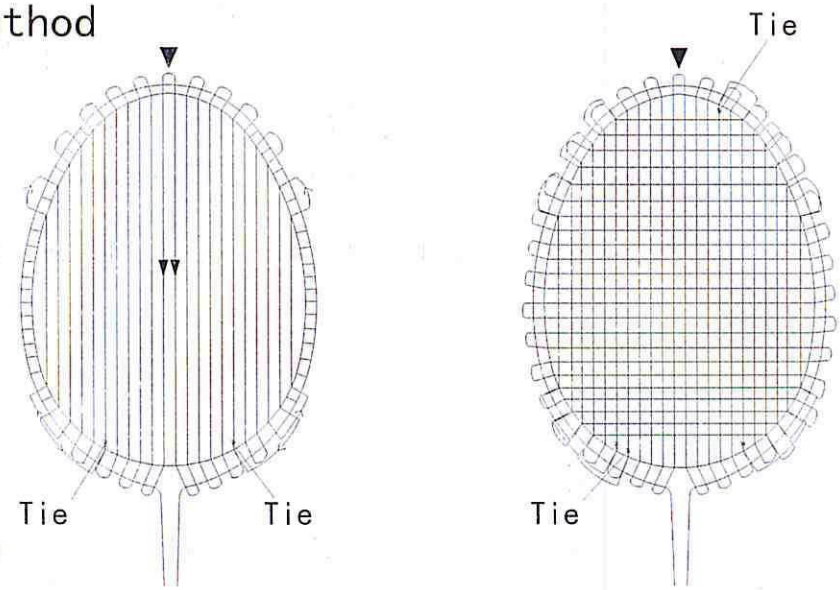
Stringing method

5.1. badminton racket stringing method.

*Traditional single line double knots method

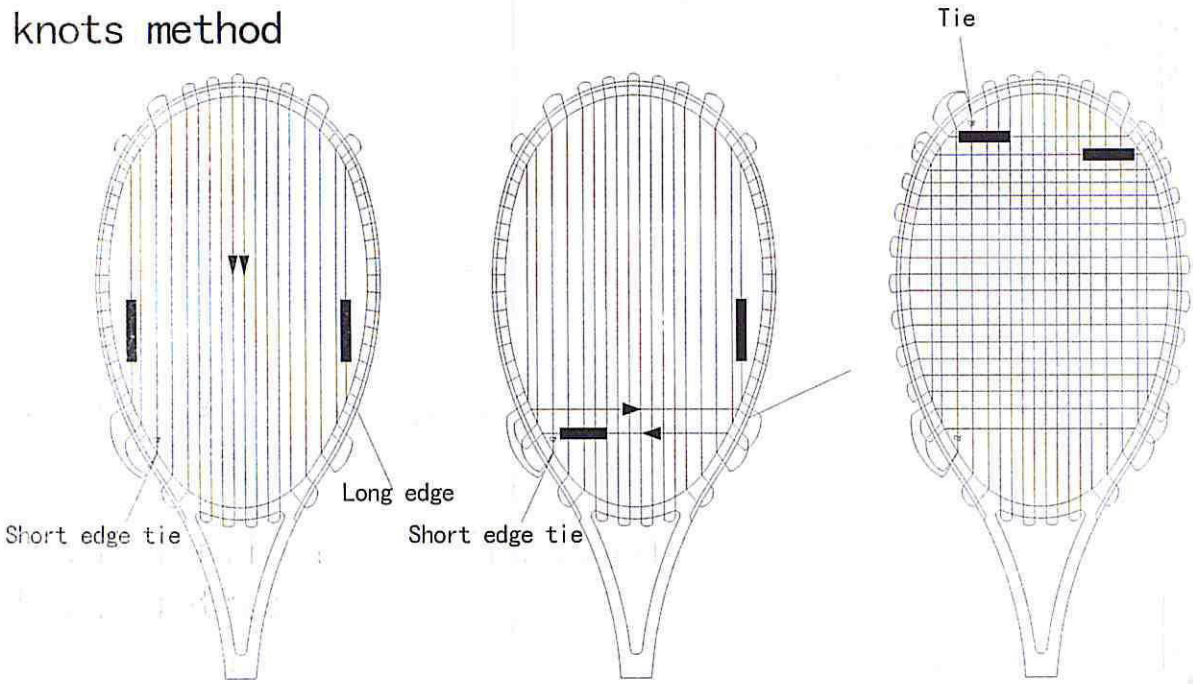


*Double lines four knots method

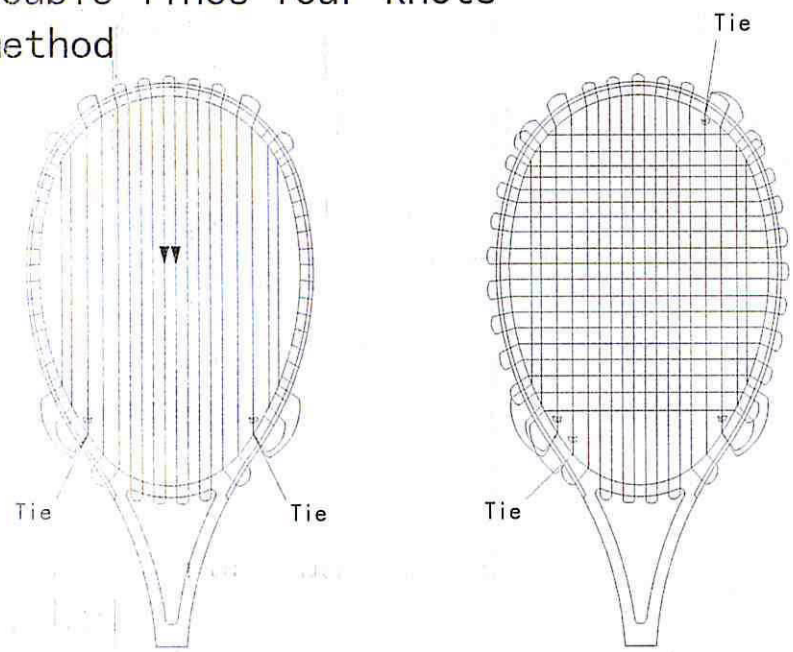


5.2. Tennis racket stringing method

＊Traditional single line double knots method



＊ Double lines four knots method



Maintenance

6.1. Maintenance

1、Do not putting it aside in moist or other bad environment.

2、Add some lubricant at racket pulling hook adjust screw, clamping arm adjust screw, racket holder rotate part,stringing steel ball every half year use.

3、Avoid water, oil and other acid liquid penetrate into the machine.

4、Half wet soft cloth with detergent can be used to clean the outside dust. Do not use volatile liquid to clean the baking paint outside part.

5、Please turn off the power or unplug it if you don't use it for a long time.

6.2. Fault checking and resolve

Fault phenomenon	Cause	Resolve method
There is a "X" at any one of the 4 items on the LCD	① Abnormal state	① Please turn off the power, and reset the machine after 10s. After trying times but the problem still exist, Please contact the supplier or factory about that "X" item.
String clamping head can't clamp the string	① There is oil or wax at the connection part of the string and clamping head	① Please use alcohol and soft fabric to clean it up.
String clamp can't clamp the stringing	① Gap is not tuned into position ② There is oil or wax at the connection part of the string and clamp	① Adjust the screw on the clamp ② Use alcohol and soft fabric to clean it up.
String clamp seat can't be locked tight	① There is dirt or wax	Clean the seat's gap. Separate the clamp seat and the tool plate by unscrew it. And then use the alcohol and soft fabric to clean up the dirts
Weight inaccurate	① Constant stringing for a long time but didn't calibrate. ② Parts broken down	② Use Calibrate function to revise it ③ Contact the supplier or factory
Button don't work or unstable	① Fault connection ② Button broken down	Contact the supplier or factory
Abnormal sound or smell	① Power voltage too high ② Fuse burning down	① Use it when voltage is stable ② Renew fuse ③ Contact the supplier or factory

Service guide

Receiving inspection

Please check the package carefully before receiving goods.
If any problems,you need contact the related personnel to open a damage declaration on spot and contact us soon.Thanks for your cooperation

Service notice

If there is problem during the using time, please call our service hotline：43 (0) 732 660101

- Please do provide us: bar code or detailed orderer/consignee and the date of purchase.

The following situation is not included in Warranty range:

- ⚠ No machine's bar code or detailed orderer;
- ⚠ Customer use, maintain, keep improperly;
- ⚠ Damage caused by imprudently disassemble, maintain, or connect by mistake;
- ⚠ Alter invoice, maintenance certificate, provide fake document or lost document;
- ⚠ Other action against the machine operation stipulation;
- ⚠ Damage caused by natural disaster force majeure;

All warranty information or machine improvements can be changed any time, we are not liable to inform.
Pro's Pro reserves the right of the above warranty details final interpretation.

If you want to know more detail information about the products, please call customer service hotline:43 (0) 732 660101 or emai us:yingarfaian@hotmail.com.We will be very honored to service for you.