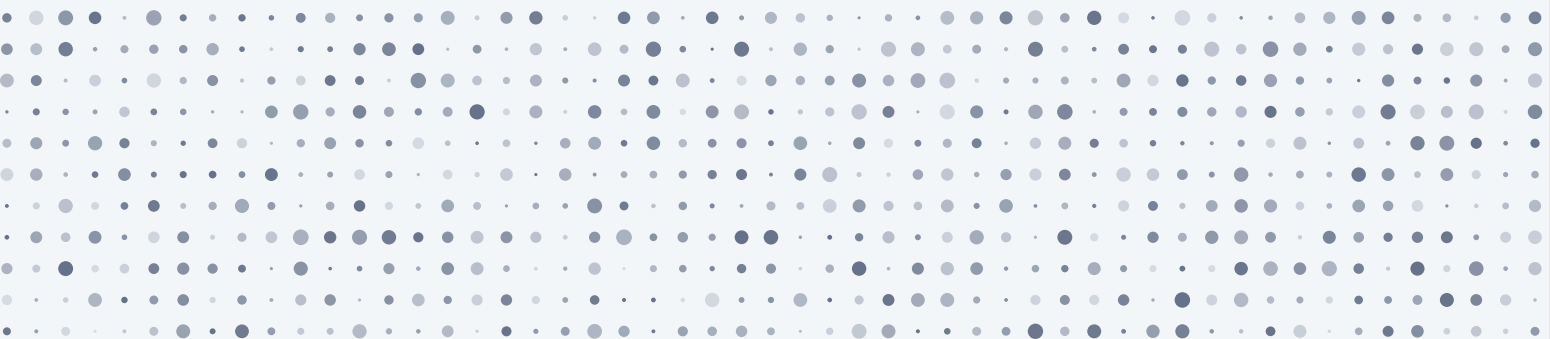




Shanghai Pongbot Technology Co., Ltd. has a high-level, highly educated young R&D team with strong development capabilities in professional technical fields such as artificial intelligence core algorithms, robot control, and human-machine interaction.

It has launched an intelligent platform that combines professional software and hardware such as object high-speed motion dynamic capture and human posture recognition. Currently, these technologies and products are applied to the field of table tennis, providing a comprehensive intelligent solution that combines software and hardware for intelligent systems in professional table tennis training and entertainment scenes. It also launched a smart classroom solution for primary and secondary schools in 2021 to assist in the transformation of sports teaching with technology.

In the future, our technology will be widely used in various market fields such as sports teaching, sports training, event innovation and somatosensory games. Through continuous innovation, we will revolutionize human-machine interaction in different application scenarios, bless the future of mankind, and define more new ways of life and entertainment.



A hand with a pink nail polish is pointing its index finger towards the center of the image. The background is a light gray with a subtle network of white dots and lines. In the center, there are three concentric white circles. Four blue circles with white text are arranged around the central circles. The bottom of the image features a horizontal band of small, dark blue dots.

Sports
Teaching

Event
Innovation

Technology breaks the boundaries of sports
and makes robots truly useful for life.

Somatic
Game

Sports
Training

R&D Patents

PONGBOT has authorized 90 research and development projects, including:

- utility model patent
- product design patent
- Computer software copyright, etc



Highlight time

May 2021

Participated in the 2021 Qualcomm Technology Cooperation Summit and received tens of millions of Pre-A rounds of financing from Qualcomm Ventures.



July 2021

Attended the 7th China Robotics Summit and Intelligent Economy Talent Summit, CEO Zhang Haibo delivered a brilliant speech.



August 2022

PONGBOT participated in the 2022 Taobao Creativity Festival.



February 2023

PONGBOT table tennis serve robot has been included in the designated assessment equipment for table tennis in the middle school entrance examination in Huangshi City.



Our Honor



October 2020

Participated in the Qualcomm Venture Capital Sequoia China 5G Ecological Entrepreneurship Competition and was awarded an investment intention letter



November 2021

Selected from the Economic Observer's Top 100 Chinese Brand Power Rankings and Annual Excellent Brand Power Artificial Intelligence Enterprises



September 2022

Participated in the Sports Technology Innovation and Entrepreneurship Competition and won the Excellent Innovation Award



May 2024

Awarded 2024 China Sports Expo Innovation Excellence Award



October 2021

At the China Manufacturing Annual Conference, PONGBOT won the "Outstanding Brand Influence of the Year" award



December 2021

SEEKER has received the Outstanding Innovative Product Award at the Innovation 100 Summit of the Economic Observer



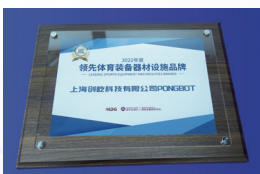
December 2022

Received 36 Kr "WISE2022 New Economy King of the Year Enterprise"



December 2024

Received High-tech enterprise certificate



November 2021

Awarded "leading sports equipment and facility brand in 2022"



July 2022

Awarded Outstanding Capital Value Enterprise for 2021-2022



December 2023

Awarded the third prize in the 2023 National General Artificial Intelligence Application Competition



April 2025

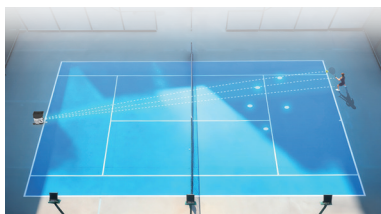
Received second prize of "Technical Invention Award in the 2024 Shanghai Science and Technology Awards

PACE S PRO

Pongbot Smart Tennis Robot

Smart Sensing, Experience AI Training

Unlimited Customized Drills



Recovery Trigger



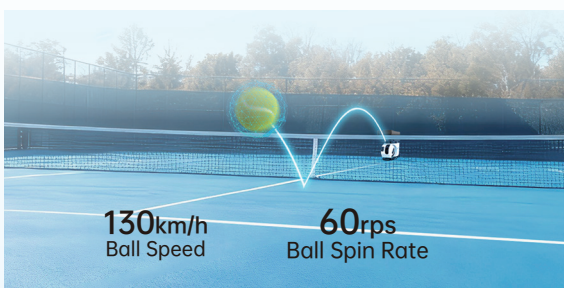
Match Challenge



Pro-level Performance

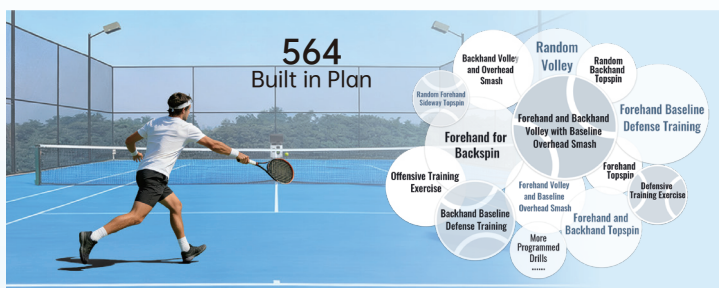


Outstanding Performance

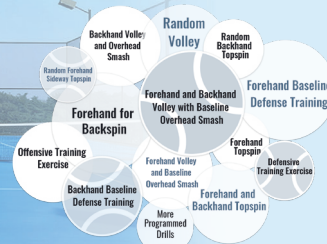


130km/h
Ball Speed

60rps
Ball Spin Rate



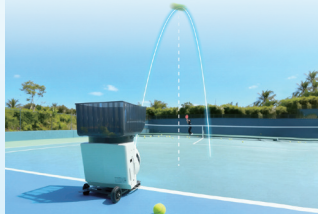
564
Built in Plan



Baseline to the Baseline
Full half-court Coverage



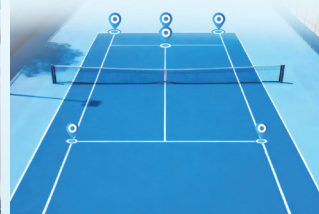
8.1m
High Pressure Shots



8 Hrs+
Battery Power



All in one
serving machine



Tennis Friends Club

Points redemption



Community Sharing

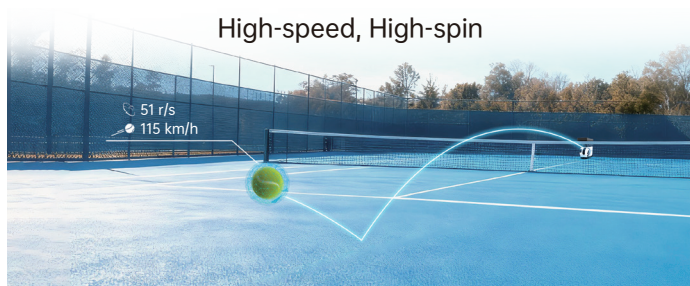


Training Camp

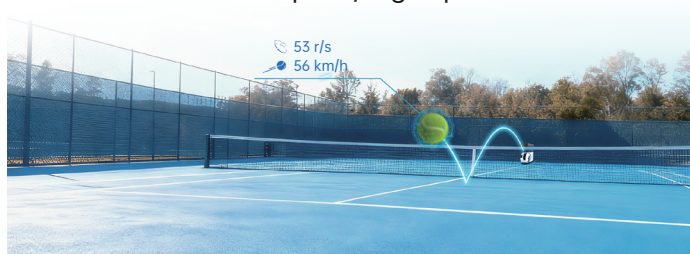


Visualize and customize your training, you are the master

High-speed, High-spin



Low-speed, High-spin



Ultimate Fine-Tuning

The spin (topspin/backspin/flat shot), speed, angle, frequency, and launch height of each ball can be precisely set



Smart APP

Firmware Update



Remote Control



Technical Parameters

Smart accessories Pongbot Smart Tennis Training Tracker

Smart function Pro-level Performance
Unlimited Customized Drills
Match Challenge
Recovery Trigger

Built in plan 564

P-control Sync. the ball path with the APP
OTA

APP Custom programming
Training Camp Sharing
OTA

Multi position placement Deuce Baseline \ Center \
Ad Baseline \ Service
Box T \ L&Rtoss

Ball speed 130 km/h

Landing range Full half-court coverage

Rotation strength 60RPS

Rotation type Up spin, down spin, no spin

Serve interval 1.5-12 s

Dimension 586*340*428 mm (L*W*H)

Weight 17.3 KG

Ball capacity 150

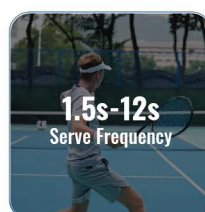
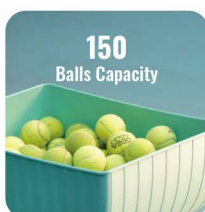
Battery power 8 hours +

Appearance Indicator light mode setting
Classic black

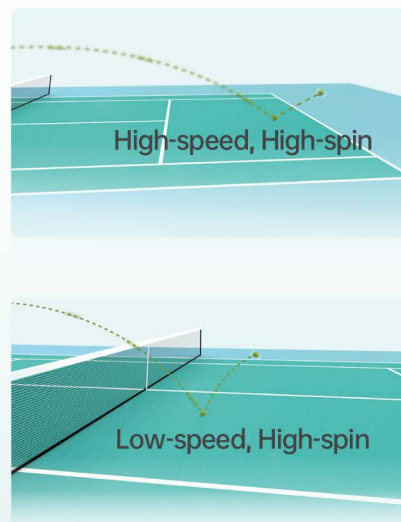
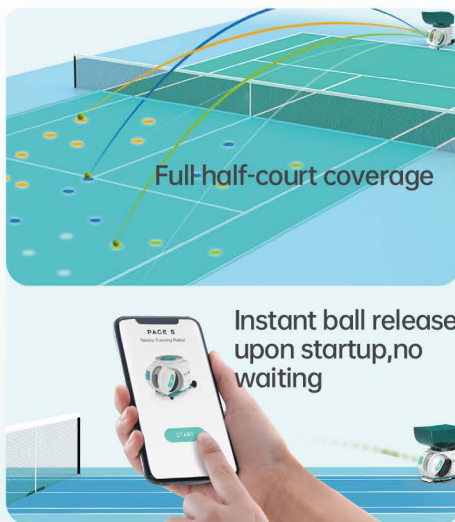
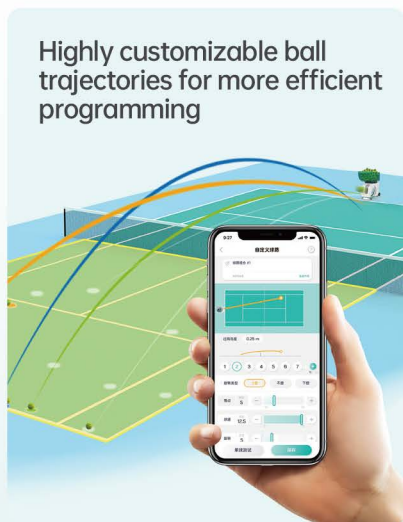
PACE S

Pongbot Smart Tennis Robot

Outstanding Performance



Extreme Performance, Unmatched Excellence



Deep thinking and meticulous design

Lightweight Design, easy to fit
into the trunk of a family car



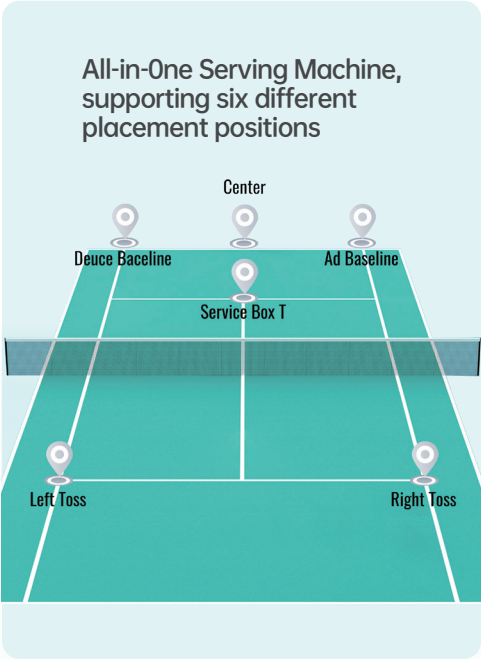
Easy to Move and Position



APP & P-Control dual-mode control



All in one serving machine



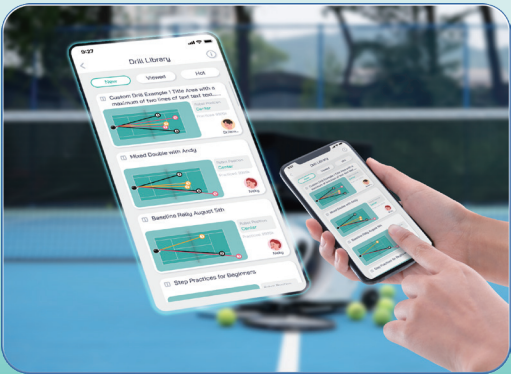
Simulate more training scenarios Suitable for players of all skill levels



APP



Community-like Tennis Training Camp: Freely Upload and Download Custom Drills



Function	Detail
Built in plan	396
P-control	Sync. the ball path with the APP OTA
APP	Custom programming Training Camp Sharing OTA
Multi position placement	Deuce Backline \ Center \ Ad Backline \ Service Box T \ L&Rtoss
Ball speed	130 km/h
Landing range	Full half-court coverage
Rotation strength	60RPS
Rotation type	Up spin, down spin, no spin
Serve interval	1.5-12 s
Dimention	586*340*428 mm (L*W*H)
Weight	17.3 KG
Ball capacity	150
Battery power	8 hours +
Appearance	Indicator light mode setting Mint Green

PONGBOT[®] M-ONE

ARM TYPE SERVE ROBOT

Not just serving

The world's first humanoid serving robot

Fully simulate the serving behavior of coaches

Super precise speed control frequency and rotation



Humanoid action
serve



Bat quick
change

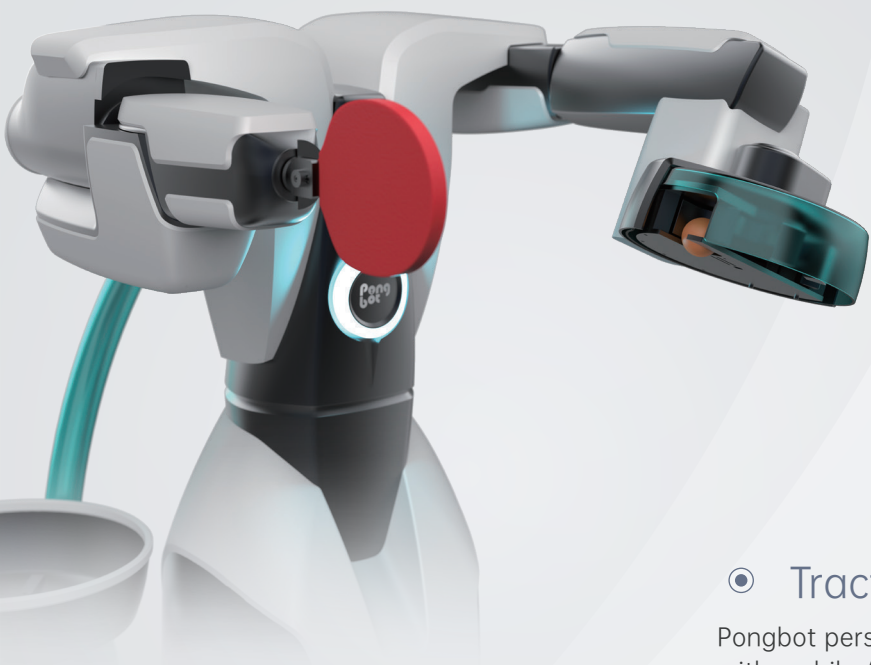


Rotation type
switching



Landing point
setting





Professional training

Pongbot simulates human serve actions and provides multiple ping pong bat selections. It is able to select spin level, speed level and full drop points on table via mobile App.

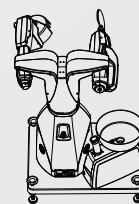
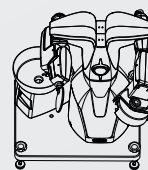
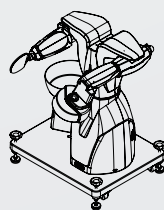
Tactic analysis

Pongbot personalized training methods by interacting with mobile App. Trajectory analysis system provides artificial intelligence analysis algorithm. Movement analysis system improves movement by tracking and comparing with standard movement. Data is synchronized on cloud and displayed on any terminal devices.

Multi-scene application

Pongbot improves professional training method, enhances the sport experience and changes the way ping pong present.

Technical Parameters



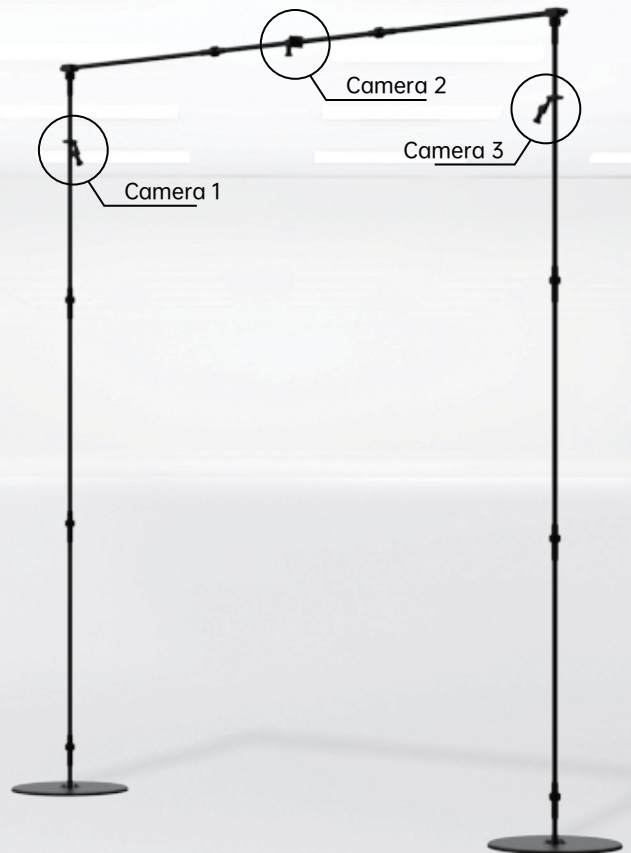
Model	PONGBOT M-ONE	Serve Method	Ping pong bat
Rated Voltage	220~240V AC, 50/60 HZ	Robot Dimension(HxWxD)	963.2*924.5*1145mm
Rated Power	200W	Package Dimension(HxWxD)	1080*1160*1300mm
Weight	127KG	Surrounding Temp.	0~40°C (32~104°F)
Speed	4~12m/s	human-computer interaction	Touch screen (optional)
Spin Speed	0~80rev/s	Max. Storage	180
Frequency	30-85/min	Support regular serving	Yes
Spin Type	topspin,downspin and non-spin	Bat Swap	Available for multiple bats swap
Drop Point	All area on table	Attachment	Trajectory analysis system

The data comes from our laboratory, and the actual results may vary slightly due to different rackets

PONGBOT[®] SEEKER

SMART TABLE TENNIS EAGLEEYE SYSTEM

- Synchronous real-time collection with 3 720P200FPS cameras
- Deep learning algorithm with millisecond level real-time output trajectory results
- Table tennis track ball speed, impact point, net height angle and other parameters output
- Ball speed detection range 3-20m/s;
Detection range of network height 0-50cm



- The global table trajectory recognition rate is greater than 99.7% within the detection range of landing points, and both white and yellow spheres can be captured
- Good communication interface, able to interact with the PONGBOT robot



Technical Parameters

Rated voltage	3.5~4.2V	Software function	Real time collection, data analysis, and settings
Rated power	12W	Dimension(W*H*D)	401.8*91.21*39.8mm
Weight	0.6kg	Testing index	Ball speed, landing area, net height, angle
Software interaction	PC / APP	Resolution/Frame Rate	1280*720 (120fps)
Ball speed detection range	3-16m/s	Optional products	Tripod, pan head, battery
Detection range of network height	0-40cm	Placement location	Align with the net; 1.65m vertical height from the ground; 0.8-1.0m from the edge of the table
Temperature	-10~45°C	Deployment Calibration	Provide a ball table calibration tool with ambient light $\geq 500\text{lux}$ and no flicker

PONGBOT®SEEKER

SMART TABLE TENNIS EAGLEEYE SYSTEM

- Dual camera high-definition camera for high-speed video streaming
- Automatic exposure gain and image quality optimizatio
- Deep learning model pruning quantification
- High speed target tracking under multi target interference



Make training more targeted, quickly raise the ball, and make progress visible

Single training analysis

According to the set target value, conduct trajectory acquisition and tracking analysis to form a single training analysis



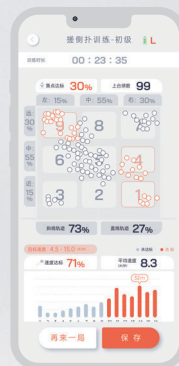
Comprehensive training analysis

Form a comparison report based on training records, and can support comprehensive analysis of 9 training records



Real time feedback of ball return data

Enable the collection, retention, and analysis of teaching and learning data before, during, and after class



One click sharing

The generated report can be accessed through WeChat channels One click sharing and local download support



Artificial intelligence algorithm
Real time feedback for millisecond level trajectory recognition



Dual eye high-definition
high-speed camera

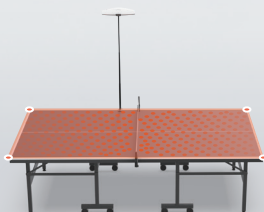


APP Bluetooth BLE5.0 connection

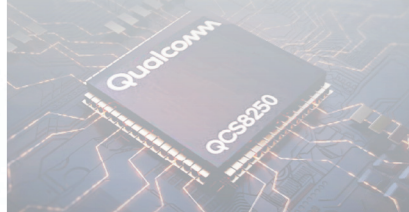
- Wireless intelligent control
- Real time data feedback



Quick installation in 30 seconds
Automatic recognition of aligned ball tables



Qualcomm QCS8250
Eight Core Chip





Player VS Player

Competition replay, automatic generation of match data report after the competition, exciting playback, automatically recording highlights in battles and generating video.



Serve robot linkage training

SEEKER interconnect other serve provides a more convenient control experience for players who train alone.

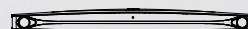


Player VS Robot

Table tennis "esports" game experience, which will support exciting entertainment modes such as playing on the interval line and ranking ranks.



Parameter



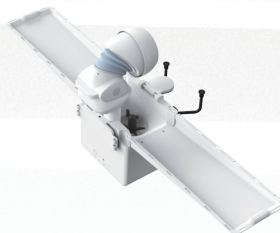
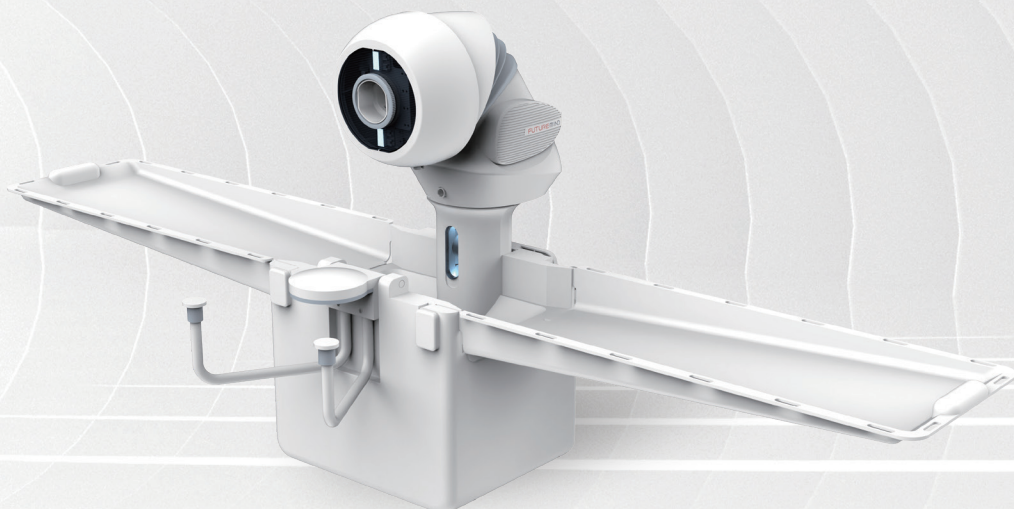
Name	Pongbot Smart Table Tennis EagleEye System	Input output interface	Type-C
Model	SEEKER	Camera resolution/frame rate	1280*720 (120fps)
Input	5V---3A	Exposure method	automatic exposure
Battery	Removable; Capacity: 4960mAh; Range:>2H	Environmental requirements	Indoor/uniform lighting
Temperature	-10℃~40℃	HDMI*1	display interface
Weight	530g	RJ45*1	network interface
Size(W*H*D)	401.80*91.21*39.8mm	Connection method	Wireless:WiFi/Bluetooth

Function

Spot detection	full desktop	Ball speed detection	3~16m/s
Grid crossing	0~400mm	Ball trajectory detection	full desktop up 0~580mm three-dimensional space
APP	automatic calibration, trajectory analysis, data storage and statistics, OTA upgrade		
Install	universal installation of aperture photography equipment, pan and tilt		
Installation	install the support bracket on the side of the table, please refer to the manual for specific operations		
Packing list	Host (including battery), power adapter, USB Type-C data cable, instruction manual		

PONGBOT[®] OMNI

TABLE TENNIS SERVING ROBOT (Standard Edition)



Artificial intelligence algorithm empowers sphericity improvement

- Ball speed 2~15m/s, Rotating speed up to 80 revolutions per second, Ball frequency 30-90 balls/minute.

Support national table tennis middle school entrance examination training

- The built-in middle school entrance examination placement routine "left push and right attack" can be updated in real-time.
- Applicable to the national high school table tennis exam.

Spherical simulation, fast-paced

- Fully automatic machine head, real simulation training.
- Backhand down spin fast cut forehand up spin takes only 0.666 seconds.

Accurate placement and full coverage of the entire station

- Full table coverage of landing points, precise control of landing position, flight curve, crossing height, restoring true trajectory.
- Support independent setting of two jump balls, restoring more practical ball paths.

APP wireless control

APP intelligent interaction

- Equipped with IOT intelligent hardware, the mobile app is fully controlled, achieving truly intelligent control.
- The app is equipped with over a hundred official ball paths and continuously updates, supporting visual customization of ball paths.
- Cloud based training data recording, providing multi-dimensional social functions such as interactive rankings and interactive communities.
- Achieve precise customization with accuracy up to 1‰ for desired ball speed, spin, landing point, and frequency with ease.
- Enjoy convenient device sharing with one-click access via the APP, enabling easy control by friends and family without requiring device binding.



Technical Parameters

Ball serving method	double-wheel drive	L&R swing function	automatic, continuous
Ball loading method	rubber wheel horizontal upward loading	L&R swing range	44° (-22~22°)
Frequency	30~90 balls/minute, 11 levels in total	Up and down adjustment range	60° (-20~40°)
Double bounce	support, switchable between single and double bounce	Up and down adjustment function	automatic, continuous
Ball speed	2~15m/s, 21 levels in total	Side spin adjustment range	135° (0°~135°)
Product packaging size	495*460*985mm	Communication method	Bluetooth/WIFI
Rated voltage	DC24V	Net weight	9 kg
System	Android/IOS	Gross weight	15 kg
Installation location	the robot and the recovery net are installed together in the middle of the table baseline	Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/recovery net

PONGBOT[®] OMNI

TABLE TENNIS SERVING ROBOT (Plus Edition)

Paired with E control, maintain OMNI's variable performance



E-hand control, changing with play

- Equipped with "E-control" Bluetooth intelligent remote control, no need for networking, training more convenient.
- During the practice process, the pitch angle can be freely adjusted for quick adjustmentsuitable ball path.
- It contains over a hundred official golf courses and supports synchronization of golf courses on mobile apps.

Excellent grip and flexible handling

- Intelligent and convenient handling, coupled with a lightweight and high-quality feel. AgileOrange jumps your fingertips, all of which makes you feel at ease.

E Control

Built in 114 sets of routines

Gathering cloud data

Synchronize APP

Bluetooth connection without network

Memory loop serve

Free real-time pitch



Excellent grip and flexible handling

- o Intelligent and simple handling, coupled with a lightweight and high-quality feel
- o Paired with E control for a lighter and smoother use

Choose your own table tennis

- o Built in 114 combinations of table tennis routines, 3 difficulty levels, and left and right hand settings, users can choose according to their own needs.
- o Customizable service through the app, and one click synchronization to E control during the practice process, it changes as you hit and can be freely adjusted.
- o Achieve precise customization with accuracy up to 1‰ for desired ball speed, spin, landing point, and frequency with ease.

Multiple modes of thoughtful design

- o Available in chinese or english, as well as child lock safety design.
- o Service difficulty, arc height, left and right landing points, etc., users. You can make changes according to your preferences with multiple possibilities.
- o Enjoy convenient device sharing with one-click access via the APP, enabling easy control by friends and family without requiring device binding.

Technical Parameters

Ball serving method	double-wheel drive	L&R swing function	automatic, continuous
Ball loading method	rubber wheel horizontal upward loading	L&R swing range	44° (-22~22°)
Frequency	30~90 balls/minute, 11 levels in total	Up and down adjustment range	60° (-20~40°)
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System	Android/IOS	Gross weight	15 kg
Installation location	the robot and the recovery net are installed together in the middle of the table baseline	Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/recovery net

PONGBOT[®] OMNI S Pro

TABLE TENNIS SERVING ROBOT (Black Edition)

The Perfect Serve Every Time

Equipping the E-PAD,
getting limitless possibilities.

- Paired with E-pad Bluetooth touch screen
- Tons of programed training exercise
- Brand new PongSmart training mode
- Synchronization between mobile APP and E-pad



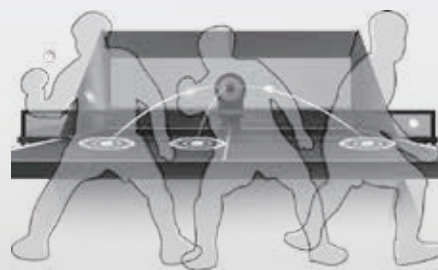
APP black edition theme
looks better and more fun!

- Real-time adjustment of ball output parameters
- with 576 professional ball programed course
- Enjoy convenient device sharing with one-click access via the APP, enabling easy control by friends and family without requiring device binding.
- Achieve precise customization with accuracy up to 1‰ for desired ball speed, spin, landing point, and frequency with ease.



A truly intelligent table tennis
serving system fit for any
training combination.

- Simulation training for push, loop and drive.
- Rapid automatic switching of long and short balls, and improved footwork agility.



Support the National Table
Tennis High School Entrance
Examination.

- Support classic training routines such as left push and right attack
- Applicable to the national high school entrance examination table tennis exam
- Real simulation and combat training



Upgraded algorithm serve any combination to fulfil
your need.

- The maximum speed of ball rotation speed is increased by 25%.
- The adjustment of custom ball setting is more precise and delicate.
- Meeting diverse scenarios, more professional and more fun.



Fashionable and up-to-date,
with upgraded appearance
and vivid visuals, it feels like
playing a new machine!

- Official combination ball voice technology guidance to create immersive training scenarios
- 30 kinds of custom lighting effects help players make predictions.
- the whole machine intelligent system and E-pad can be remotely upgraded online



E-Pad(OMNI)

The more programed courses, the more fun with table tennis training.

- With a 5-inch touch pad, turn a machine remote to a exercise creator.
- Multiple programed courses build-in fulfill any training demands.
- All new control method, make push with random drive.

Technical parameter

Screen size	5-inch capacitive touch screen
Resolution	800×480
Battery capacity	2100mAh
Charging port	USB Type-C
Pairing method	Bluetooth
E-pad size	154.3x102.2x39.2mm



Technical Parameters



Ball serving method	double-wheel drive	L&R swing function	automatic, continuous
Ball loading method	rubber wheel horizontal upward loading	L&R swing range	44° (-22~22°)
Frequency	30~90 balls/minute, 11 levels in total	Up and down adjustment range	60° (-20~40°)
Double bounce	support, switchable between single and double bounce	Up and down adjustment function	automatic, continuous
Ball speed	2~15m/s, 21levels in total	Side spin adjustment range	135° (0°~135°)
Product packaging size	495*460*985mm	Communication method	Bluetooth/WIFI
Rated voltage	DC24V	Net weight	7 kg
System	Android/IOS	Gross weight	10 kg
Installation location	the robot and the recovery net are installed together in the middle of the table baseline	Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/recovery net

PONGBOT[®] HALO

TABLE TENNIS SERVING ROBOT (Standard Edition)

Agile movement, easy equipping

Move freely and play in any scene

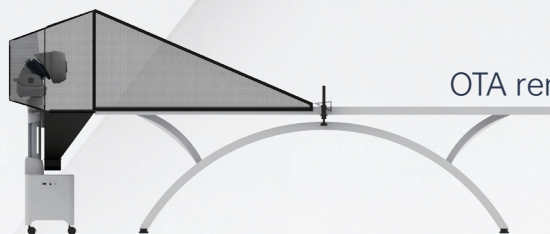
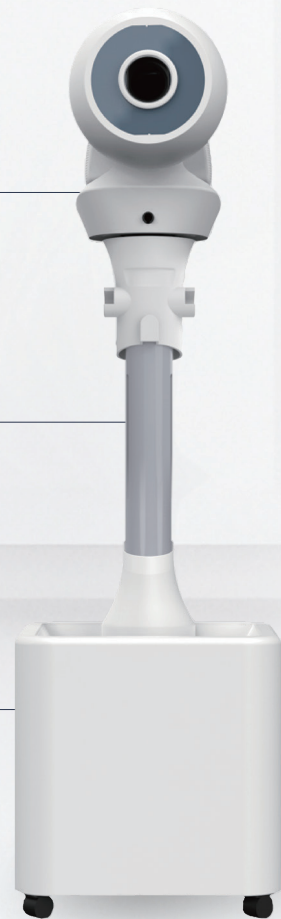
- Suitable for any court environment
- Lockable universal wheels for easy deployment with one hand
- Fully upgraded ball-collecting net for easier installation and storage

The all rounder that enables beginners to quickly improve and enthusiasts to recognize its professionalism

- Intelligent programming technology to create your exclusive training course
- Ball dynamics emulation, fast-paced rhythm, full table coverage
- Fully automated head that provides realistic simulation training
- Simulation training for "chops and lobs", quick and automatic switching between long and short balls, enhances footwork agility

The true essence is the ability to control the electric motor to stabilize ball dynamics

- Ball dispenser wheel uses German BASF material, continuous high frequency ball delivery for two hours per day for 300 days
- Closed-loop robot control algorithm and artificial intelligence technology
- Provides sufficient guarantee for high-intensity training

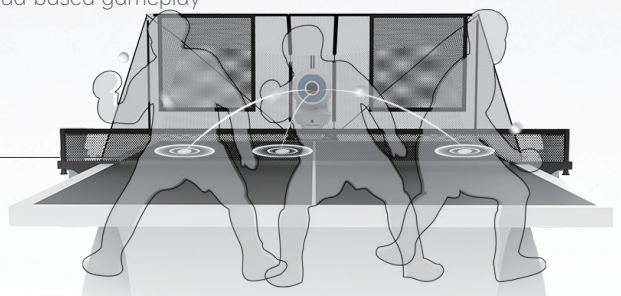


OTA remote upgrades, updated with new features

- Truly intelligent system, both built-in intelligence and APP can be updated online
- Free updates of official ball routes, one-click upgrade, unlocks more cloud-based gameplay

Educational and entertaining, supports middle school table tennis training

- Built-in classic ball routes "left push right attack", adjustable ball frequency
- Suitable for simulated practice for middle school level table tennis exams, also supports synchronized updates of exam contents



APP smart control meets wireless requirements

- Built-in 114 professional ball combinations
- Visualized custom programming to create personalized ball route
- Unlock online table tennis courses, community forums, and interaction leaderboard
- One-click device sharing on the APP, friends and family can control without cumbersome device binding
- Precise fine tuning of a single ball, with adjustable parameters of up to 100 levels, making it easy to adjust the ball speed, rotation, landing point, and frequency you want

APP

System	Android / IOS	Built-in courses	114
Network	2.4G WIFI	Custom Lights	non-
Voice switch	non-	Upgrade	yes
Combination	Custom combination editing, free fall control, simulated trajectory animation, unlimited combination storage		



Technical Parameters

Ball serving method	double-wheel drive	L&R swing function	automatic, continuous
Ball loading method	rubber wheel horizontal upward loading	L&R swing range	44° (-22~22°)
Frequency	30~90 balls/minute, 11 levels in total	Up and down adjustment range	60° (-20~40°)
Side spin adjustment range	135° (0°~135°)	Side spin adjustment function	automatic, continuous
Ball speed	2~15m/s, 11 levels in total	Up and down adjustment function	automatic, continuous
Communication method	Bluetooth/WIFI	Double jump ball	support, switch freely
Voice Announcements	non-	Switch/Key	power switch/WIFI Bluetooth
Rated voltage	DC24V	Product packaging size	320*300*1083mm
Calibrated position	non-	Package size	600*640*1200mm
Gross weight	15kg	CE authentication	yes
Net weight	12kg	Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/recovery net

PONGBOT[®] HALO

TABLE TENNIS SERVING ROBOT (Plus Edition)

E-Control makes changes easier

- Equipped with "E Control" wireless remote controller
- Real-time adjustable serving angles
- Collects cloud-based data
- Memory loop for ball dispensing
- Built-in 120 different ball combinations
- One-click synchronization with the APP
- Bluetooth connectivity without internet access

"Sound" surrounds you, opening up an immersive training scene

- Machine status voice alerts weaken the traditional sense of operation and make settings more intuitive.

Move freely and play in any scene

- Suitable for any court environment.
- Lockable universal wheels for easy deployment with one hand.
- Fully upgraded ball-collecting net for easier installation and storage.

The true essence is the ability to control the electric motor to stabilize ball dynamics

- Ball dispenser wheel uses German BASF material, continuous high frequency ball delivery for two hours per day for 300 days.
- Closed-loop robot control algorithm and artificial intelligence technology
- Provides sufficient guarantee for high-intensity training



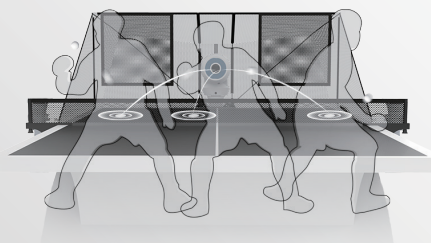
APP smart control meets wireless requirements

- Built-in 114 professional ball combinations.
- Visualized custom programming to create personalized ball route.
- Unlock online table tennis courses, community forums, and interaction leaderboard.
- One-click device sharing on the APP, friends and family can control without cumbersome device binding.
- Precise fine tuning of a single ball, with adjustable parameters of up to 100 levels, making it easy to adjust the ball speed, rotation, landing point, and frequency you want.



The all rounder that enables beginners to quickly improve and enthusiasts to recognize its professionalism

- Intelligent programming technology to create your exclusive training course.
- Ball dynamics emulation, fast-paced rhythm, full table coverage.
- Fully automated head that provides realistic simulation training.
- Simulation training for "chops and lobs", quick and automatic switching between long and short balls, enhances footwork agility.



OTA remote upgrades, updated with new features

- Truly intelligent system, both built-in intelligence & APP can be updated online.
- Free updates of official ball routes, one-click upgrade, unlocks more cloud-based gameplay

Educational and entertaining, supports middle school table tennis training

- Built-in classic ball routes "left push right attack", adjustable ball frequency.
- Suitable for simulated practice for middle school level table tennis exams, also supports synchronized updates of exam contents.



Exclusive features

Voice prompt for server status, weakening traditional operation sense and making settings and usage more intuitive.

Built-in 114 sets of routines

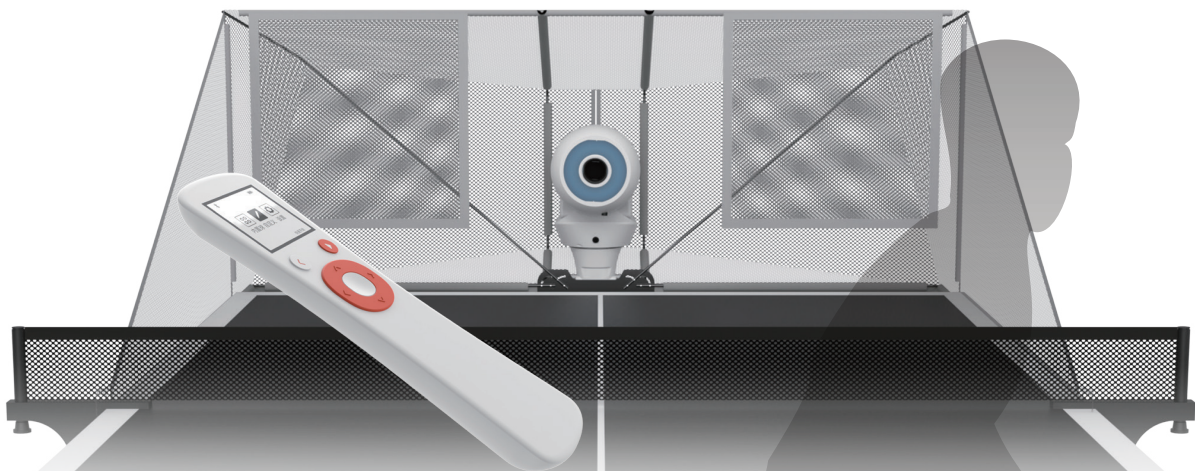
Gathering cloud data

One click synchronization APP

Memory loop serve

Bluetooth connection

Free real-time pitch



APP

System	Android / IOS	Built-in courses	114
Network	2.4G WIFI	Exclusive theme	/
Voice switch	yes	Upgrade	yes
Combination	Custom combination editing, free fall control, simulated trajectory animation, unlimited combination storage		

Technical Parameters

Ball serving method	double-wheel drive	L&R swing function	automatic, continuous
Ball loading method	rubber wheel horizontal upward loading	L&R swing range	44° (-22~22°)
Frequency	30~90 balls/minute, 11 levels in total	Up and down adjustment range	60° (-20~40°)
Side spin adjustment range	135° (0°~135°)	Side spin adjustment function	automatic, continuous
Ball speed	2~15m/s, 11 levels in total	Up and down adjustment function	automatic, continuous
Frequency	max rotational speed 80r/s, 11 levels in total	Double jump ball	support, switch freely
Voice Announce	non-	Switch/Key	power switch/WIFI Bluetooth
Rated voltage	DC24V	Product packaging size	320*300*1083mm
Calibrated position	non-	Package size	600*640*1200mm
Gross weight	15kg	CE authentication	yes
Net weight	12kg	Communication method	Bluetooth/WIFI

Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/recovery net	Installation location	Position 1:the robot & the recovery net are installed together in the middle of the table baseline
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PONGBOT[®] HALO S Pro

TABLE TENNIS SERVING ROBOT (Black Edition)

Freely stand, placed wherever you want.

Innovative algorithms provide a new side-position placement mode, offering more targeted training programs suitable for all age groups.

- Multiple multiply programed training exercise are available for up to three robot positions, simulating feeding on the short court position.
- The ball trajectory, rhythm, and landing point for the multi-directional serving remain at a high standard.
- The ball serving parameter, frequency, and landing point for the multi-directional serving remain at a high standard.
- A calibration sticker is included for easy and accurate positioning in just three steps, without the need for measurement.



Let every training have the guidance of an AI coach.

- Official voice guidance helps you handle various ball combinations and makes it easier to get started.
- Immersive training scenario, voice guidance teach you the true ball path
- The serving machine's status is voice-promoted, weakening the traditional operational sense and making the setting more intuitive.
- 30 kinds of custom lighting effects help players make quick predictions.



Upgraded app, better appearance, more fun!

- with 576 professional ball programed course
- Exclusive black edition theme.
- Online courses and community forums are waiting for you to unlock
- Interactive ranking, making ping pong more fulfilling



OTA remote upgrade.

- Real intelligence, the whole machine intelligent system and E-pad can be remotely upgraded online.
- support free update of official programed course.



Meet the needs of higher level players and adapt to various training scenarios.

- With the upgraded algorithm, the adjustable degrees of serving speed and rotation speed have increased by 100% compared to HALO (standard version).
- The rotation speed has been enhanced by 25% compared with HALO (standard version).
- Meet more training scenarios and higher training intensity.



Equipping the E-PAD, getting limitless possibilities.

- The unique intelligent big-screen PAD touch controller is not only a controller but also a creator.
- It is designed with a tilt angle to minimize desktop touch pressure and meets the needs of users at each stage.
- Multiple programed training exercise available for various modes, and custom training exercise can be easily created to meet all needs.
- A brand new interactive way, with E-pad exclusive PongSmart function, built-in nearly a hundred official special adjustments, and can achieve the combination of near, middle, and far table area random landing points.



E-Pad (HALØ)

Make intelligent control ubiquitous

- The unique intelligent large-screen PAD touch controller is not only a controller but also a creator.
- A brand new interactive way, with E-pad exclusive PongSmart function, built-in nearly a hundred official special adjustments, and can achieve the combination of near, middle, and far table area random landing points.
- Exclusive inclination design, friendly for any touch on table, and meets the needs of users at all stages.



E-Pad Technical parameter

Remote control type	5-inch capacitive touch screen	Holding racket	L&R hand selection
Pairing method	Bluetooth	Charging port	USB Type-C
Battery	2100mAh USB Type-C	Built-in combination	Built-in (576 group)
Mobile synchronization	support synchronization of maximum 20 groups	Robot multi-position	Support robot placement in 3 positions
Firmware upgrade	mobile APP upgrade firmware	Custom combination	support for custom combination editing and storage (60 groups), each combination supports 10 custom single balls
PongSmart mode	support PongSmart combination storage of 60 groups	Operation setting	running time, serving group number setting; sequence, random mode setting; real-time adjustment of ball location and frequency

Technical Parameters

Ball serving method	double-wheel drive	L&R swing range	Position 1: 44° (-22°~22°) Position 2: 44° (4°~48°) Position 3: 44° (-48°~-4°)
Ball loading method	rubber wheel horizontal upward loading	L&R swing function	automatic, continuous
Ball speed	2~15m/s, 21levels in total	Up & down adjustment function	automatic, continuous
Frequency	30~90 balls/minute, 11 levels in total	Up & down adjustment range	60° (-20~40°)
Side spin adjustment range	135° (0~135°)	Rotation	360° arbitrary rotation, maximum 100 rps, 23 levels in total
Side spin adjustment function	automatic, continuous	CE authentication	Yes
Double bounce	support, switchable between single and double bounce	Power switch	power switch/network pairing key (WIFI, Bluetooth)
Communication method	Bluetooth/WIFI	Robot size	320*300*1083mm
Rated voltage	DC24V	Product packaging size	600*640*1200mm
Gross weight	15 kg	Product accessories	adapter (AC100-240,50/60HZ), ping-pong ball/ recovery net
Net weight	12 kg	Voice broadcast	boot notification, standby notification, device status notification,
Position calibration	Place position 2/3 for position calibration using the product's position calibration assistance tool	Installation location	Position 1: The recycled ball net is installed separately in the middle of the bottom line of the table; Position 2/3: The ball table is located in the middle of the left and right sides, and the auxiliary tool prompts are aligned according to the position

NOVA

TABLE TENNIS SERVING ROBOT

Ultimate Convenience Go and Play Anytime

Portable serving machine NOVA

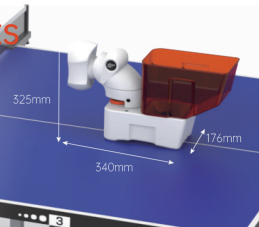
Portable form design

Comes with a ball collecting bucket



Pour in design concepts

Multi element structure is smaller and more compact



Equipped with foldable ball collecting bucket

Although small in size, the capacity is not small



Disruptive ball storage capacity

Can accommodate nearly 200 balls, allowing you to hit enough at once



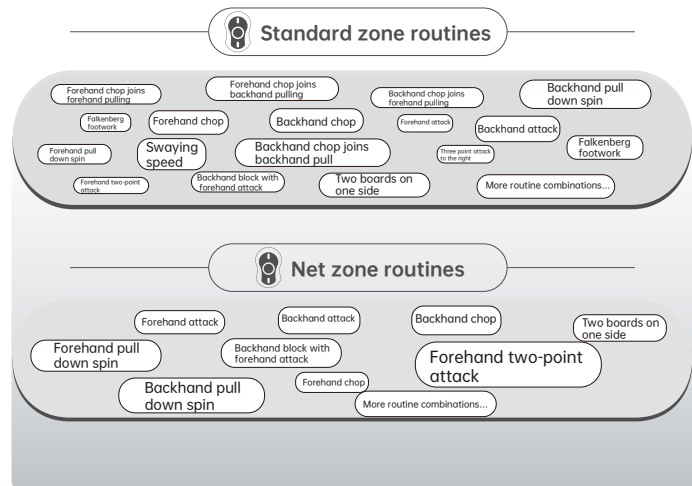
Arrange in any position and visualize the ball routines

Custom position, angle, landing point, full platform programming



Rich built-in ball routines

Up to 162 sets of built-in balls in both near and far positions



New N control

Pioneering swing programming



- Custom Combination Programming
- Built in 162 sets of routines
- Bluetooth connection for quick pairing
- Real time pitch adjustment
- OTA update

Skilled in adjusting the ball path

Automatic pitch adjustment



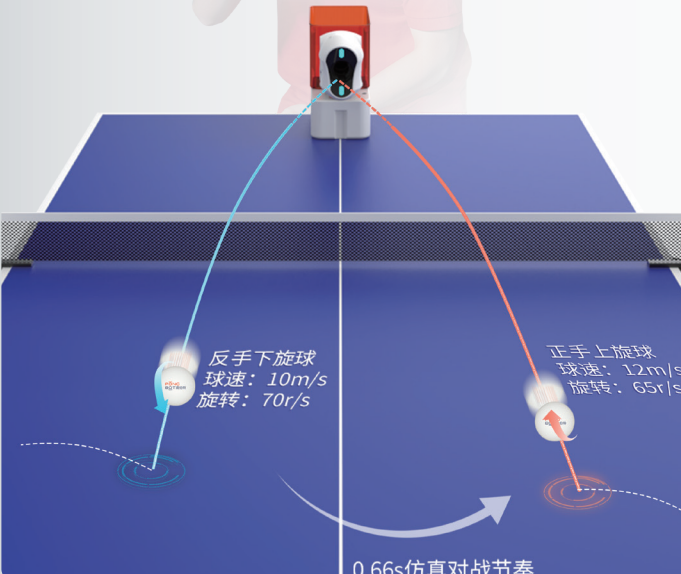
APP intelligent dual control

Bluetooth connectivity



Supported by PONGSMART intelligent algorithm

Fast paced cutting, ball like simulation, and flexible changes

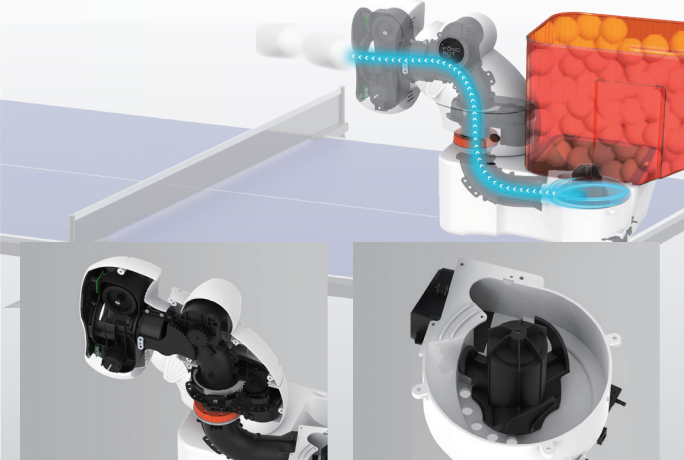


反手下旋球
球速: 10m/s
旋转: 70r/s

正手上旋球
球速: 12m/s
旋转: 65r/s

0.66s仿真对战节奏

Triple anti jamming, smooth ball output



POM high lubrication pipeline

Anti jamming ball spring, arc guided ball feeding wave wheel

Technical Parameters

Ball serving method	rubber wheel horizontal upward loading and store 200 balls	Ball loading method	double-wheel drive
Ball speed	2 ~ 15m/s	Frequency	30~90 balls/minute, 11 levels in total
Rotation range	360° arbitrary rotation	Rotation speed	maximum 60r/s, 21 levels in total
L&R swing function	automatic, continuous	Up and down adjustment range	not automatically switch
L&R swing range	44°(-22°~22°) mechanical angle±25°	Up and down adjustment function	50°(-20°~30°) mechanical angle-17-33°
Side spin adjustment function	manual	Side spin adjustment range	180°±90°
Double bounce	support	Net weight	4KG
		Gross weight	6KG
Product size	465*340*176mm	Product packaging size	570*450*200mm
Rated voltage	DC24V	Pairing method	Bluetooth
Power switch	power switch/network pairing key (WIFI, Bluetooth)	CE authentication	Yes
Installation location	robot net installed in the middle position of the table bottom line or place it in any position on the table top	Product accessories	adapter(AC100 ~ 240, 50/60HZ) /ping-pong ball

APP

System	Android / IOS	Holding racket	L&R hand selection
Pairing method	Bluetooth	Upgrade (OTA)	Yes
Custom Combination	No limit	Built-in combination	162

N control

Remote control	Touch-tone	Adapted or not	standard configuration
Pairing method	Bluetooth	Screen type	1.5 inch
Battery	two No. 7 batteries	Language	Chinese
Quick practice	one group	Firmware upgrade	mobile APP upgrade firmware
Holding racket	L&R hand selection	Built-in combination	162

NOVA Set

Table tennis serving robot+Neck extension

Ultimate Convenience Go and Play Anytime

Multimodal NOVA, becoming stronger

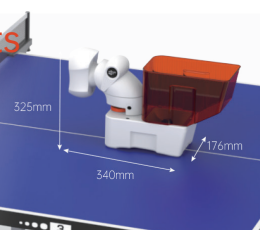
Portable form design

Comes with a ball collecting bucket



Pour in design concepts

Multi element structure is smaller and more compact



Equipped with foldable ball collecting bucket

Although small in size, the capacity is not small

Can accommodate nearly 200 balls, allowing you to hit enough at once



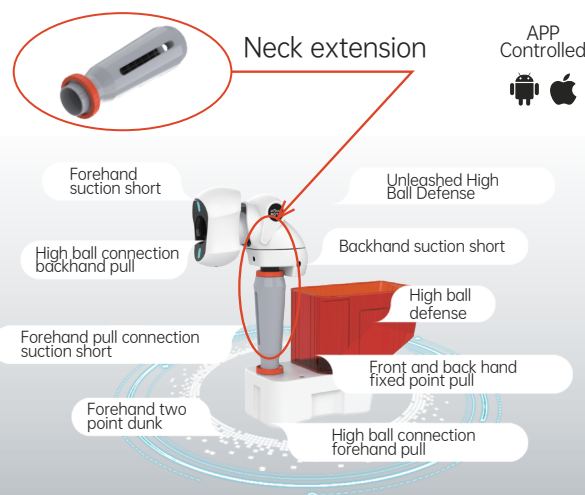
Arrange in any position and visualize the ball routines

Custom position, angle, landing point, full platform programming



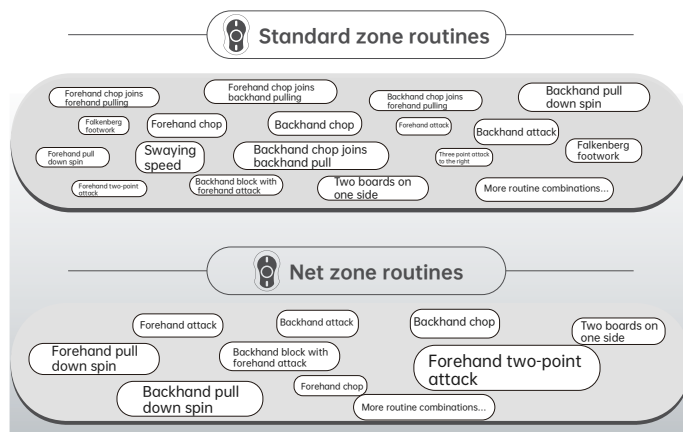
Multimodal NOVA, becoming stronger

Paired with NOVA's unique "neck extension", it brings more programmed drills



Rich programmed drills

Up to 222 sets of built-in balls in both near and far positions



New N control

Pioneering swing programming



- Custom Combination Programming
- Built in 162 sets of routines
- Bluetooth connection for quick pairing
- Real time pitch adjustment
- OTA update

Skilled in adjusting the ball path

Automatic pitch adjustment



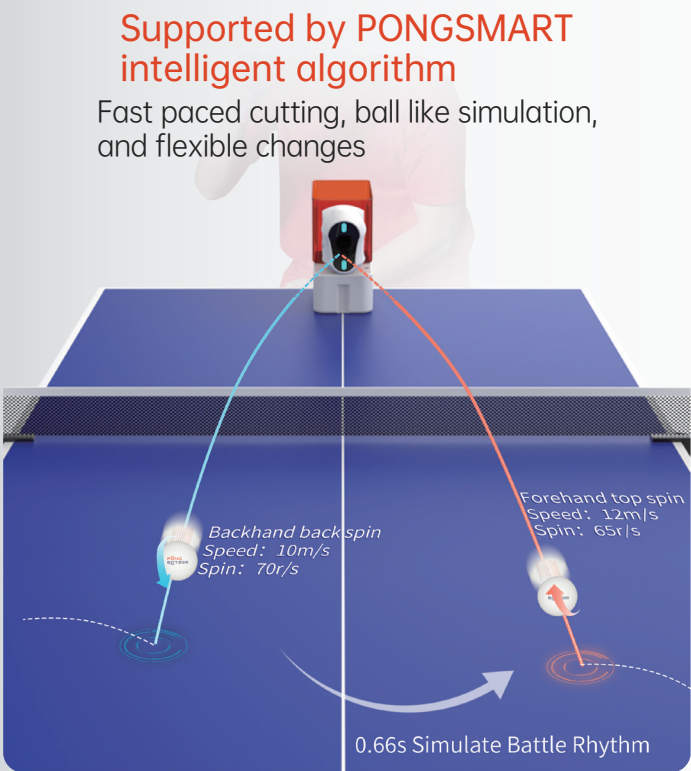
APP intelligent dual control

Bluetooth connectivity



Supported by PONGSMART intelligent algorithm

Fast paced cutting, ball like simulation, and flexible changes

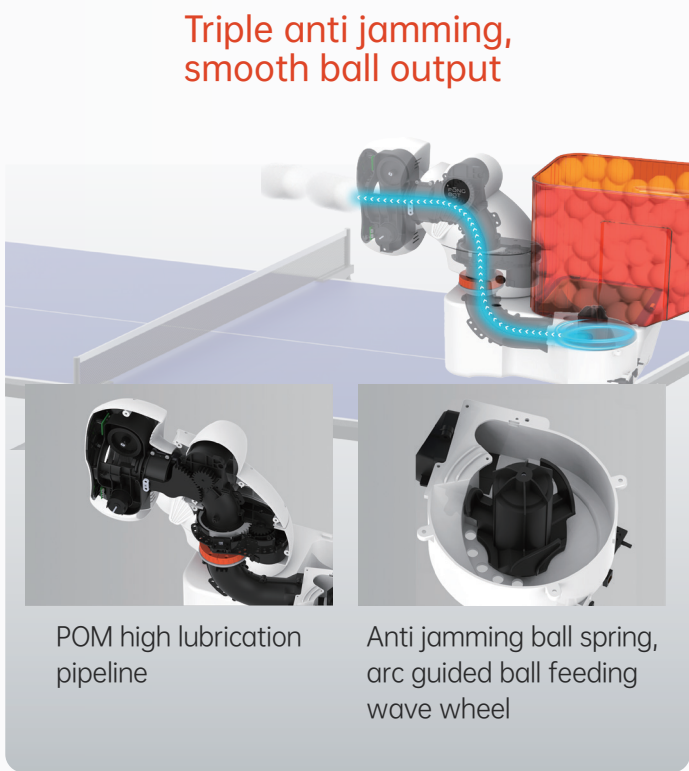


Backhand backspin
Speed: 10m/s
Spin: 70r/s

Forehand top spin
Speed: 12m/s
Spin: 65r/s

0.66s Simulate Battle Rhythm

Triple anti jamming, smooth ball output



POM high lubrication pipeline

Anti jamming ball spring, arc guided ball feeding wave wheel

Technical Parameters

Ball serving method	rubber wheel horizontal upward loading and store 200 balls	Ball loading method	double-wheel drive
Ball speed	2 ~ 15m/s	Frequency	30~90 balls/minute, 11 levels in total
Rotation range	360° arbitrary rotation	Rotation speed	maximum 60r/s, 21 levels in total
L&R swing function	automatic, continuous	Up and down adjustment range	not automatically switch
L&R swing range	44°(-22°~22°) mechanical angle±25°	Up and down adjustment function	50° (-20° ~ 30°) mechanical angle-17-33°
Side spin adjustment function	manual	Side spin adjustment range	180°±90°
Double bounce	support	Net weight	4KG
Product size	465*340*176mm	Gross weight	6KG
Rated voltage	DC24V	Product packaging size	570*450*200mm
Power switch	power switch/network pairing key (WIFI, Bluetooth)	Pairing method	Bluetooth
Installation location	robot net installed in the middle position of the table bottom line or place it in any position on the table top	CE authentication	Yes
		Product accessories	adapter(AC100 ~ 240, 50/60HZ) /ping-pong ball

APP

System	Android / IOS	Holding racket	L&R hand selection
Pairing method	Bluetooth	Upgrade (OTA)	Yes
Custom Combination	No limit	Built-in combination	222

N control

Remote control	Touch-tone	Adapted or not	standard configuration
Pairing method	Bluetooth	Screen type	1.5 inch
Battery	two No. 7 batteries	Language	Chinese
Quick practice	one group	Firmware upgrade	mobile APP upgrade firmware
Holding racket	L&R hand selection	Built-in combination	222

NOVA S Pro

TABLE TENNIS SERVING ROBOT

Ultimate Convenience Go and Play Anytime

Portable serving machine NOVA S Pro

Portable form design

Comes with a ball collecting bucket



Pour in design concepts

Multi element structure is smaller and more compact



Equipped with foldable ball collecting bucket

Although small in size, the capacity is not small



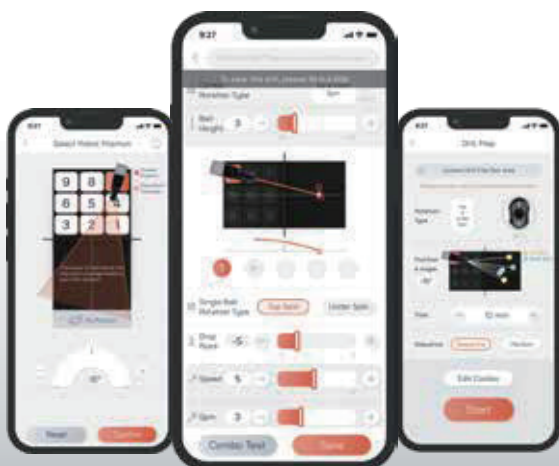
Disruptive ball storage capacity

Can accommodate nearly 200 balls, allowing you to hit enough at once



Arrange in any position and visualize the ball routines

Custom position, angle, landing point, full platform programming

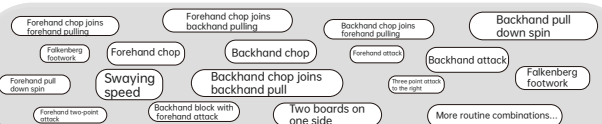


Rich built-in ball routines

Up to 264 sets of built-in balls in both near and far positions



Standard zone routines



Net zone routines



New N control

Pioneering swing programming



Skilled in adjusting the ball path

Automatic pitch adjustment



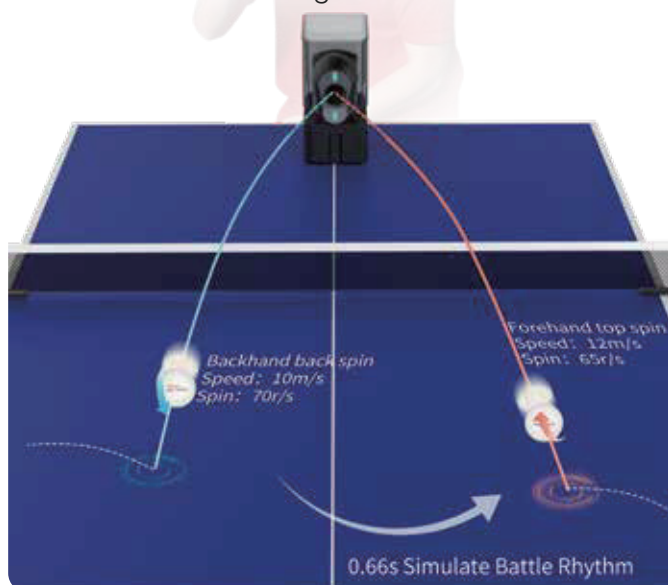
APP intelligent dual control

Bluetooth connectivity

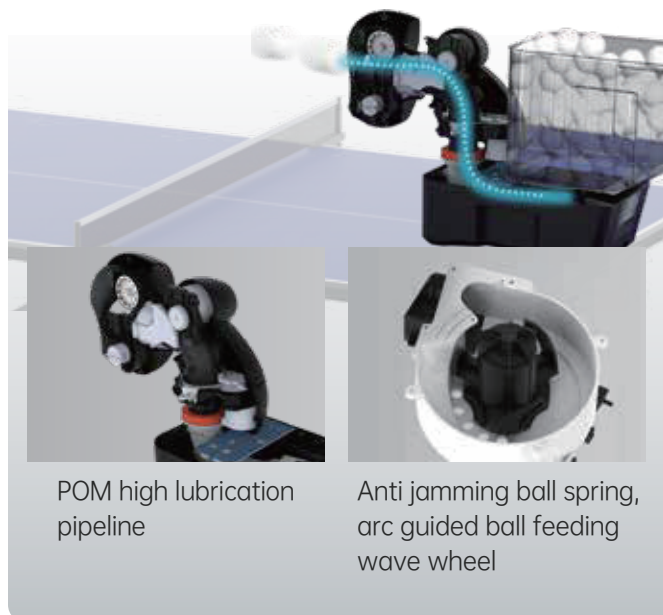


Supported by PONGSMART intelligent algorithm

Fast paced cutting, ball like simulation, and flexible changes



Triple anti jamming, smooth ball output



Technical Parameters

Ball serving method	rubber wheel horizontal upward loading and store 200 balls	Ball loading method	double-wheel drive
Ball speed	2 ~ 15m/s	Frequency	30~90 balls/minute, 11 levels in total
Rotation range	360° arbitrary rotation	Rotation speed	maximum 60r/s, 21 levels in total
L&R swing function	automatic, continuous	Up and down adjustment range	not automatically switch
L&R swing range	44°(-22°~22°) mechanical angle±25°	Up and down adjustment function	50°(-20°~30°) mechanical angle-17-33°
Side spin adjustment function	manual	Side spin adjustment range	180°±90°
Double bounce	support	Net weight	4KG
Product size	465*340*176mm	Gross weight	6KG
Rated voltage	DC24V	Product packaging size	570*450*200mm
Power switch	power switch/network pairing key (WiFi, Bluetooth)	Pairing method	Bluetooth
Installation location	robot net installed in the middle position of the table bottom line or place it in any position on the table top	CE authentication	Yes
		Product accessories	adapter(AC100 ~ 240, 50/60HZ) /ping-pong ball

APP

System	Android / IOS	Holding racket	L&R hand selection
Pairing method	Bluetooth	Upgrade (OTA)	Yes
Custom Combination	No limit	Built-in combination	264
Remote control	Touch-tone	Adapted or not	standard configuration
Pairing method	Bluetooth	Screen type	1.5 inch
Battery	two No. 7 batteries	Language	Chinese
Quick practice	one group	Firmware upgrade	mobile APP upgrade firmware
Holding racket	L&R hand selection	Built-in combination	264

N control

PONGBOX

Liberate hands Voice control

Making the serving machine experience more convenient and intelligent

Voice interaction Doubling intelligence

Massive keywords to improve the efficiency of ball training



The bottom is embedded with a magnetic strip, which can be freely magnetically attached to the edge of the table



Black anti slip rubber pad design at the bottom



Long endurance lasting for 20 hours

Built in 2100mAh large battery, eliminating anxiety about battery life

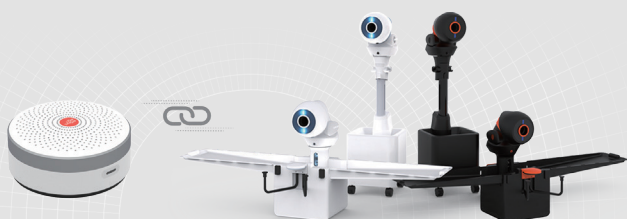


The voice function is constantly updated

More table tennis routine terms are constantly increasing
More control functions are constantly being pushed



Supporting the full range of OMNI and HALO serve machines



Three steps, two words, five second connection

Step 01.

Press and hold for 2 seconds to power on

The device emits a startup prompt sound: "Hello, welcome to the PONGBOX"

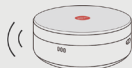


Step 02. Awake



"Little Pang, little Pang"

"Here"



Binding devices



"Bind device"

"After the device is turned on, please quickly click the device KEY button twice, wait for the yellow light on the device to slowly flash, and then tell me that the pairing is ready."



Step 03.

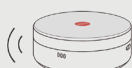
Device binding completed

After pressing the KEY button on the back of the server twice

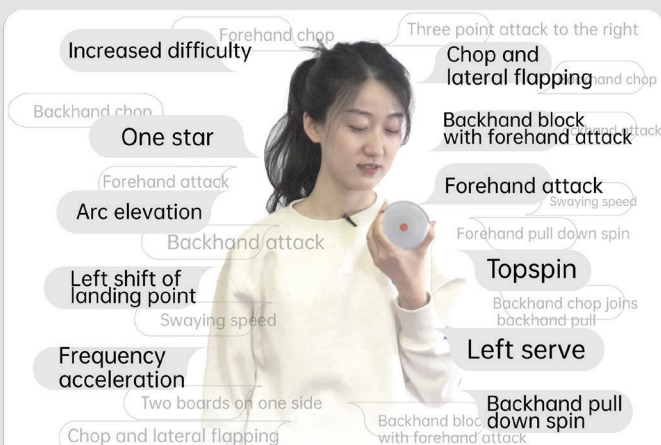


"Pairing ready"

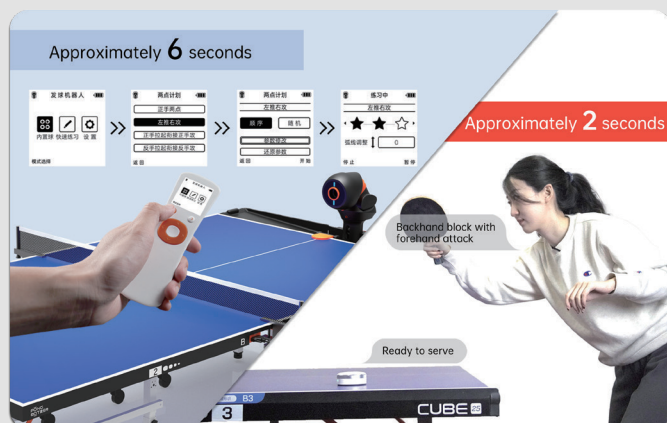
"Device binding completed"



Massive keywords to improve the efficiency of training



As soon as you speak, adjust immediately



Product Parameters

Approximately 8cm in diameter



Approximately 3.5cm in height

Category	Subdividing Categories	Serve Method
Hardware Specifications	Size	Approximately 8cm in diameter, Approximately 3.5cm in height
	Packaging size	150*130*40mm
	Net weight	≈0.125kg
	Product gross weight	≈0.2kg
	Battery	2100mAh; Typical usage has a battery life of approximately 20 hours
	Battery charging interface	USB Type-C, 5V
	Communication	Bluetooth BLE V5.0
	Keys	Power on, battery level prompt, etc
	Status indicator light	Three color status indicator light
	Magnetic suction installation	Support
Basic Function	Support connecting the serving machine	OMNI-EC; OMNI-PLUS; OMNI-PRO; HALO-EC; HALO-PLUS; HALO-PRO;
	Speech recognition and control (recommended for close range use, with a range of 0-1m)	Supports voice commands such as wake-up, device binding and unbinding, built-in ball serving in the server, customized combination ball serving synchronized with mobile phones, and real-time adjustment of ball performance
	OTA	Support for firmware OTA upgrades on the PONGBOT app

CUBE 25

SMART TABLE TENNIS TABLE

「Competition Standard Table + New Intelligent Mode」

Hidden sensors to achieve new smart functions



Hit Rate Calculation



Drop Point Detection



APP Wireless Control



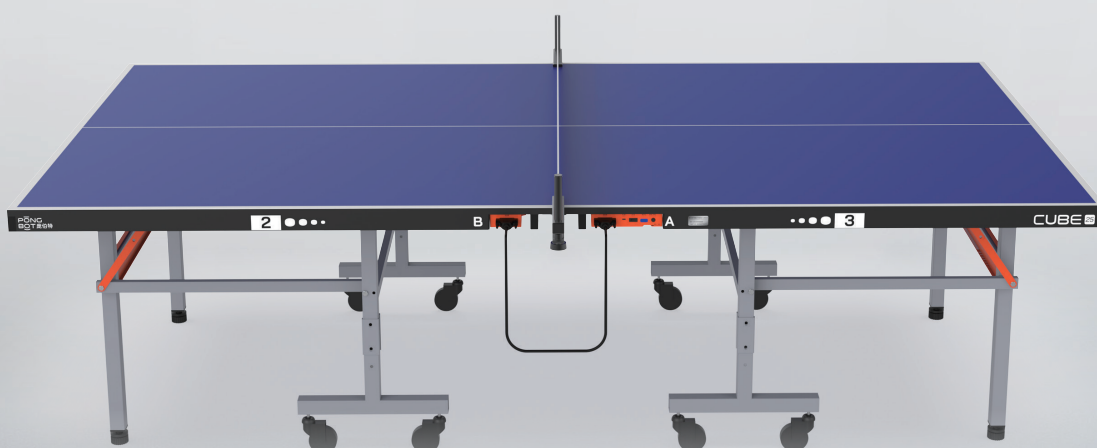
Sound Effects Reflection



IoT Connection with Serving Robot



Multiple Functional Modes



Intelligent analysis, automatic generation of national team three-stage method technical and tactical reports

Developed the SMART algorithm, which can recognize and report the number of rounds through voice broadcasting

Total Round **39**

Player in A-half



Player A

VS.

Player in B-half



Player B

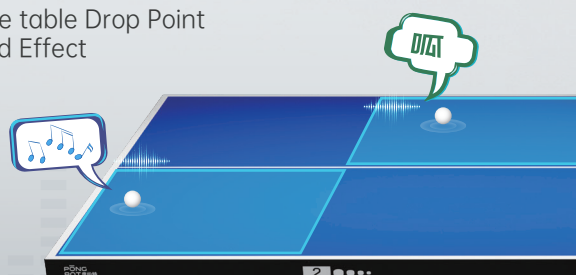
Coarse model Chart (%) ■ A Frequency ■ B Frequency

	A		A		B		B	
	Scoring Rate	Usage Rate	Scoring Rate	Usage Rate	Scoring Rate	Usage Rate	Scoring Rate	Usage Rate
Launch & snatch stage	20	25	67	45	33	45	80	25
Takeover stage	33	45	80	25	67	30	33	30
Stalemate stage	67	30	33	30	20	25	67	45

Count recognition
Round broadcast



Whole table Drop Point
Sound Effect



Battle intelligence shooting - Record your highlighting moments

By using the PongSmart algorithm, a video collection of about tens of seconds is automatically generated based on the excitement of both sides' attacks and defenses in the turn. It supports one download and shares in social circles.

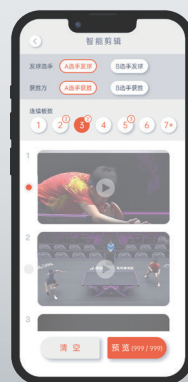


Intelligent editing - Efficient editing, Intelligent filming

Powered by the PongSmart algorithm, video content is automatically segmented based on gains and losses. Convenient for reviewing, analyzing matches, and improving ball skills!

CUBE filters invalid scenes more quickly and efficiently according to the competition situation of both sides, and retains the essence of the fight.

Customize composite clips based on the desired tag content.



Smart connection with PONGBOT SERVING ROBOT

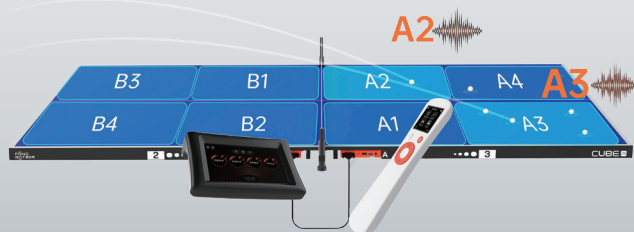
Rhythm Matching

Match the return frequency based on the time of arrival of the ball.



Smart connection

Using PONGBOT SERVING ROBOT and CUBE synchronously will reflect the drop point through sound effects to the user.



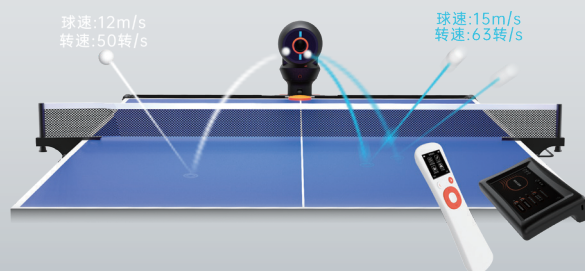
Wait for your action

PONGBOT serving robot will start working when CUBE recognizes user's serving.



Capability matching

After finishing a set of training, the system will evaluate the performance and adjust to a more appropriate set for next training.



Easy to operate and control

Bluetooth connection, fast pairing
Support for shared devices, no restrictions for multiple users



Level up mode Make CUBE your personal trainer

104 LEVELS in 20 CHAPTERS!

All the levels were designed by national table tennis athletes.



CUBE 25

SMART TABLE TENNIS TABLE (Professional Edition)

「Competition Standard Table + New Intelligent Mode」

Hidden sensors to achieve new smart functions



Hit Rate
Calculation



Drop Point
Detection



APP Wireless
Control



Sound Effects
Reflection



IoT Connection
with Serving
Robot



Multiple Fun-
ctional Modes



Intelligent analysis, automatic generation of national team three-stage method technical and tactical reports

Developed the SMART algorithm, which can recognize and report the number of rounds through voice broadcasting

Total Round **39**

Player in A-half



Player A

VS.

Player in B-half



Player B

Coarse model Chart (%) ■ A Frequency ■ B Frequency

	A Scoring Rate Usage Rate		B Scoring Rate Usage Rate	
Launch & snatch stage	20	25	67	45
Takeover stage	33	45	80	25
Stalemate stage	67	30	33	30

Count recognition
Round broadcast



Whole table Drop Point Sound Effect



Collection video - Record your highlighting moments

No need to manually review the entire process, CUBE has already automatically generated your exciting moments. Set up your phone, open the "highlights video" of the PONGBOT APP, and go to battle!



Level up mode Make CUBE your personal trainer

104 LEVELS in 20 CHAPTERS!
All the levels were designed by national table tennis athletes.



Easy to operate and control

OTA Remote Upgrade and more functions are available on the PONGBOT app

Support for shared devices, no restrictions for multiple users



Smart connection with PONGBOT SERVING ROBOT

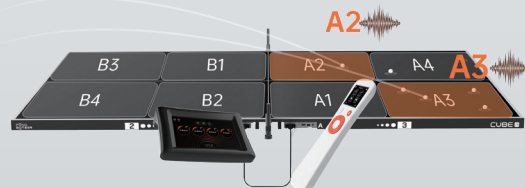
Rhythm Matching

Match the return frequency based on the time of arrival of the ball.



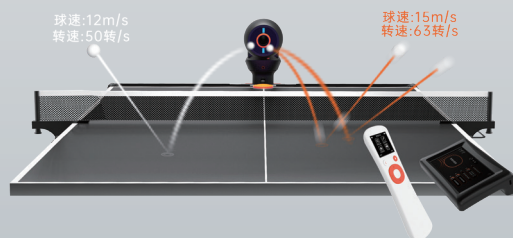
Smart Connection

Using PONGBOT SERVING ROBOT and CUBE synchronously will reflect the drop point through sound effects to the user.



Capability Matching

After finishing a set of training, the system will evaluate the performance and adjust to a more appropriate set for next training.



Wait For Your Action

PONGBOT serving robot will start working when CUBE recognizes user's serving.



CUBE 15

SMART TABLE TENNIS TABLE (Professional Edition)

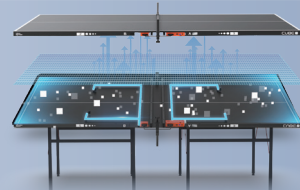
「Competition Standard Table」



Supported by the **PONG SMART** algorithm system
Easily capture every landing point



High density board
High elasticity feedback



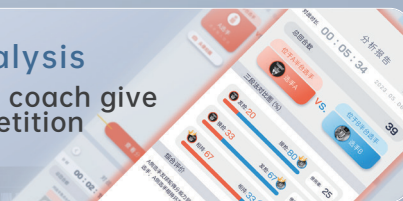
Round broadcast

Enhance focus while playing



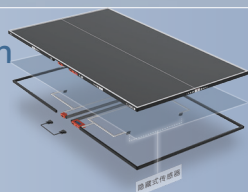
Battle analysis

Let national coach give you a competition summary



Intelligent hidden sensors

60 microsecond monitoring cycle

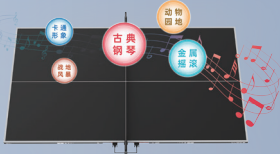


Adapted to full range of PONGBOT serve machines



Voice interaction

Built in various interesting sound effects



Linkage serve machine training

Unlock more professional gameplay



Single ball training

Course content

Customized training courses for national coaches
100+ chapters of the course, from beginner to beginner



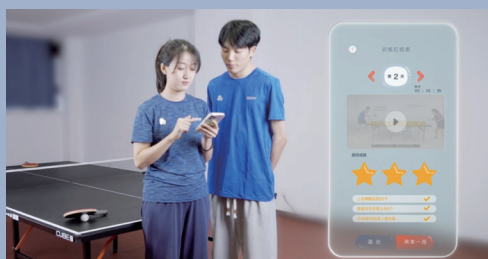
Interactive challenge

Targeted technological improvement
Massive football paths that are not tiring of playing



Ability assessment

You can know your level every time you unlock a level



Linkage scenario

Serve connection

Perfect simulation and practical training



Built in linkage

There will be prompts and feedback in the target landing area



Battle analysis

CUBE competition report
Let national coach give you a competition summary



Battle intelligence shooting

Record your highlight moments



CUBE 18

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Hidden sensors to achieve new smart functions



Hit Rate Calculation



Drop Point Detection



APP Wireless Control



Sound Effects Reflection



IoT Connection with Serving Robot



Multiple Functional Modes



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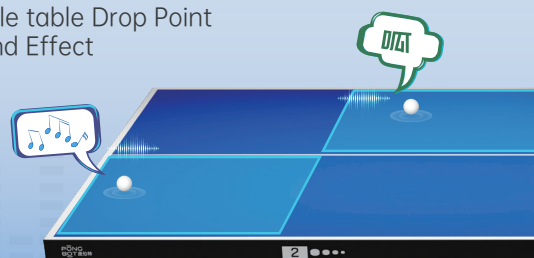
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Whole table Drop Point
Sound Effect



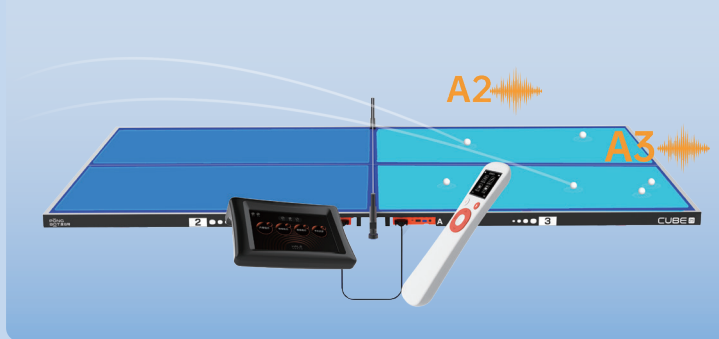
Wait for your action

PONGBOT serving robot will start working when CUBE recognizes user's serving.



Smart connection with PONGBOT SERVING ROBOT smart connection

Using PONGBOT SERVING ROBOT and CUBE synchronously will reflect the drop point through sound effects to the user.



Easy to operate and control

Bluetooth connection, fast pairing
Support for shared devices, no restrictions
for multiple users



Level up mode Make CUBE your personal trainer

18 CHAPTERS!
All the levels were designed by national
table tennis athletes.



Battle intelligence shooting - Record your highlighting moments

By using the PongSmart algorithm, a video collection
of about tens of seconds is automatically generated
based on the excitement of both sides' attacks and
defenses in the turn. It supports one download and
shares in social circles.



Intelligent editing - Efficient editing, Intelligent filming

Powered by the PongSmart algorithm, video
content is automatically segmented based
on gains and losses. Convenient for review-
ing, analyzing matches, and improving ball
skills!

CUBE filters invalid scenes more quickly and
efficiently according to the competition situ-
ation of both sides, and retains the essence
of the fight.

Customize composite clips based on the de-
sired tag content.



PONGBOT

Our Mind Decides the Future!

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Scan code to follow