

Feature	AMICUS Start	AMICUS Expert	AMICUS Prime
Controller	Wired Control Box	Wired Control Box	Android Tablet (supplied). Also can download and use Amicus app on any Android or iOS device.
Wireless Remote	No	Yes (optional)	Yes (supplied). RF Remote has Start, Stop, & Frequency +/- buttons. Can connect up to 4 remotes to a robot.
Controller Attachment	Slip-on metal bracket, detachable from controller.	Slip-on metal bracket, detachable from controller.	Slip-on metal bracket, detachable from controller.
Controller-Robot Connection	Thin, light RCA cable.	Thin, light RCA cable.	Bluetooth (wireless)
Power PCB	Located in Base, very close to motors.	Located in Base, very close to motors.	Located in Base, very close to motors.
Programmable	Up to 6 shots. Position only can be changed. Spin, speed, and height remain same.	Up to 7 shots. Adjust speed, spin type, spin amount, height, and position for each shot.	Up to 10 shots. Adjust speed, spin type, spin amount, height, timing, & position of each shot.
Sampling Button	No	Yes	Yes (also on remote)
Memory Capacity	None	Save up to 99 drills, from 1 to 7 shots each.	Virtually unlimited memory. 6Gb storage included on supplied tablet and can be extended with mini SD card.
Pre-Programmed Drills	None	20, can be modified or replaced.	20, can be modified or deleted.
Drill Sequencing	No	No	Yes (Sequences)
Drill Videos	No	No	Yes, but only for pre-programmed drills.
Drill Ordering	No	Numerical only.	Any way the user wants. Each drill can have a custom name and order can be changed.
Mirror Function	No	No	Yes—used to make drills run correctly for either right or left handed players, or quickly create a new drill variation.
Miscellaneous Controller Functions	None	None	Software interface offers top and side view diagrams and description of each drill, direct email customer support, virtual updates to fix bugs and add features, and share drills & messages with Facebook friends.
Serve Delay	No	No	Yes—drills that begin with a serve have a short delay added at start of each repetition to simulate the pause at the start of a point in a real game.

Feature	AMICUS Start	AMICUS Expert	AMICUS Prime
<b>Serve Number &amp; Order</b>	None	None	1, 2, or 3—if 2 or 3 serves are designated, robot will alternate serves to start each drill repetition; if Type Random is on, robot randomizes the serves.
<b>Random Settings</b>	Yes, 3 types— <i>Scatter</i> , which scatters shots within a 20 cm radius of a selected point; <i>Place</i> , which randomly delivers a shot to 2 or more selected points; and <i>Scatter+Place</i> , which combines these two random modes.	Yes, 3 types— <i>Scatter</i> , which scatters shots within a 20 cm radius of a selected point; <i>Place</i> , which randomly delivers a shot to 2 or more selected points; and <i>Scatter+Place</i> , which combines these two random modes.	Yes, 7 types— <i>Scatter</i> , which scatters shots within a 20 cm radius of a selected point; <i>Place</i> , which randomly delivers a shot to 2 or more selected points; and <i>Type</i> , to throw balls with random spin, speed, and height. You can also combine any of the modes: <i>Scatter+Place</i> , <i>Scatter+Type</i> , <i>Place+Type</i> , and <i>Scatter+Place+Type</i> .
<b>Ball Frequency</b>	11~100 Balls Per Minute	1~100 Balls Per Minute	5~120 Balls Per Minute
<b>Frequency Steps</b>	Variable—control knob has no discernable steps, but does have 8 indicator marks.	100	115
<b>Frequency Customization</b>	None	Automatic Frequency Control (AFC) provides automatic, more natural timing between shots of varying speed and spin.	Individual Frequency Control (IFC) allows you to individually adjust timing between two programmed balls.
<b>Stopping Ball Delivery</b>	Turn knob on controller to off position.	Button press on controller (or optional remote). Also Cycle can stop/start play automatically.	Button press on remote or controller. Also Cycle can stop/start play automatically.
<b>Interval Training</b>	No	Yes. <i>Cycle</i> pauses and then restarts play automatically. Play period can be set to 20, 40, 60, or 80 seconds. Pause period automatically set to ½ of the play period.	Yes. <i>Cycle</i> pauses and then restarts play automatically. Quickset options for 20/40/60/80 second play periods with pause period automatically set to ½ of the play period. Custom play/pause periods can be set from 10–90 seconds for play and 10–50 seconds for pause.
<b># &amp; Type of Wheels</b>	Three 4" foam.	Three 4" foam.	Three 4" foam.

Feature	AMICUS Start	AMICUS Expert	AMICUS Prime
<b>Spin Types</b>	Topspin, backspin, left sidespin, right sidespin, top/left spin, top/right spin, back/left spin, back/right spin, no spin.	Topspin, backspin, left sidespin, right sidespin, top/left spin, top/right spin, back/left spin, back/right spin, no spin.	Topspin, backspin, left sidespin, right sidespin, top/left spin, top/right spin, back/left spin, back/right spin, no spin.
<b>Spin Amount Steps</b>	6 for topspin, 4 for backspin, sidespin has variable control knob with no discernable steps, but 4 indicators.	6 for topspin, 4 for backspin, 5 for right sidespin, 5 for left sidespin.	7 for topspin, 5 for backspin, 6 for right sidespin, 6 for left sidespin.
<b>Speed/Spin Range</b>	@ 50/50 to 100/0	@ 50/50 to 100/0	@ 10/90 to 100/0
<b>How does wheel speed determine spin type &amp; speed/spin ratio?</b>	Speed of 3 wheels relative to each other, forward spinning only.	Speed and direction of wheels relative to each other, forward spinning only.	Speed and direction of wheels relative to each other, forward and backward spinning.
<b>Ball Speed Steps</b>	22	21	25
<b>Shot Types</b>	Counter, fast loop, push, chop, lob, serve, dead block, flat kill, smash.	Counter, fast loop, push, chop, lob, serve, dead block, flat kill, smash.	Counter, fast loop, slow loop, push, chop, lob, serve, dead block, flat kill, smash, heavy chop.
<b>Oscillation Steps</b>	Variable—control knob does not have discernable steps, but has 9 indicator marks.	17	17
<b>Osc. Movement</b>	Deflector plate	Deflector plate	Deflector plate
<b>Elevation Steps</b>	Approximately 108 with 9 indicator marks.	154 (19 indicators)	154 (154 indicators)
<b>Elev. Movement</b>	Deflector plate	Deflector plate	Deflector plate
<b>Rotation Steps</b>			
<b>Rot. Movement</b>	N/A (no head rotation)	N/A (no head rotation)	N/A (no head rotation)
<b>Fine Tune Knob</b>			
<b>Silent Mode</b>	Yes, there are no fans, and motors stop when ball delivery stops.	Yes, there are no fans, and motors stop when ball delivery stops.	Yes, there are no fans, and motors stop when ball delivery stops.
<b>Power Supply</b>	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 24V, 3A.	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 24V, 3A.	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 24V, 3A.
<b>Ball Projection Height</b>	Adjustable—8", 9.5", 11", & 12.5" above table surface.	Adjustable—8", 9.5", 11", & 12.5" above table surface.	Adjustable—8", 9.5", 11", & 12.5" above table surface.

<b>Feature</b>	<b>AMICUS Start</b>	<b>AMICUS Expert</b>	<b>AMICUS Prime</b>
<b>Poly/Celluloid Ball?</b>	Poly or celluloid	Poly or celluloid	Poly or celluloid
<b>Table Thickness Adjustable?</b>	Yes, rubber tips screw/unscrew to accommodate table thickness from 3/8" to 1" (9mm to 25mm)	Yes, rubber tips screw/unscrew to accommodate table thickness from 3/8" to 1" (9mm to 25mm)	Yes, rubber tips screw/unscrew to accommodate table thickness from 3/8" to 1" (9mm to 25mm)
<b>Ball Recycling Net</b>	Yes	Yes	Yes
<b>Side Net Attachment</b>	Rubber band slips over table-net bracket and around table-net clamp screw. Small end of side net tapers to a point.	Rubber band slips over table-net bracket and around table-net clamp screw. Small end of side net tapers to a point.	Rubber band slips over table-net bracket and around table-net clamp screw. Small end of side net tapers to a point.
<b>Robot Dimensions Unfolded</b>	62"W x 33.75"H x 63"D	62"W x 33.75"H x 63"D	62"W x 33.75"H x 63"D
<b>Robot Dimensions Folded</b>	9.5"W x 31"H x 12.75"D	9.5"W x 31"H x 12.75"D	9.5"W x 31"H x 12.75"D
<b>Weight, Net/Gross</b>			
<b>Printed Manuals</b>	1—Owner's Manual in English, German, and French (detailed).	1—Owner's Manual in English, German, and French (detailed).	1—Owner's Manual in English (detailed).
<b>DVD</b>			
<b>Training Manual</b>			
<b>Carry/Storage Bag</b>	Yes	Yes	Yes
<b>Balls Included</b>			
<b>Ball Picker-Upper?</b>			
<b>Spare Parts/Tools Included</b>	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels).	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels).	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels).
<b>Upgradeable</b>	Yes, to Amicus Expert	No	No

<b>Feature</b>	<b>AMICUS Start</b>	<b>AMICUS Expert</b>	<b>AMICUS Prime</b>
<b>Manufacturer Warranty</b>	2 years + 5 year Parts Availabilty Guarantee	2 years + 5 year Parts Availabilty Guarantee	2 years + 5 year Parts Availabilty Guarantee
<b>Country of Origin</b>	Hungary, except carry case & power supply, which are from China.	Hungary, except carry case & power supply, which are from China.	Hungary, except carry case, power supply, & tablet which are from China.
<b>Price</b>	\$1,299.99	\$1,849.99	\$2,199.99