

Feature	AMICUS Basic	AMICUS Advance	AMICUS Professional	AMICUS Start	AMICUS Expert	AMICUS Prime
Controller	Wired Control Box	Wired Control Box	Wired Control Box	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	No	Yes (supplied). RF Remote as Start/Stop, Sample, & Frequency +/- buttons.	Yes (optional). RF Remote has Start, Stop, & Frequency +/- buttons. Can connect up to 4 remotes to a robot.	Yes (supplied). RF Remote has Start, Stop, & Frequency +/- buttons. Can connect up to 4 remotes to a robot.	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.	Slip-on metal bracket, detachable from controller.	Slip-on metal bracket, detachable from controller.	Slip-on metal bracket, detachable from controller.
Controller-Robot Connection	Thick, heavy 25-pin serial cable.	Thick, heavy 25-pin serial cable.	Thick, heavy 25-pin serial cable.	Thin, light cable with 3.5mm jacks.	Thin, light cable with 3.5mm jacks.	Bluetooth (wireless)
Power PCB	Located in Control Panel, far away from motors.	Located in Control Panel, far away from motors.	Located in Control Panel, far away from motors.	Located in Base, very close to motors (more responsiveness).	Located in Base, very close to motors (more responsiveness).	Located in Base, very close to motors (more responsiveness).
Programmable	Up to 6 shots. Position only can be changed. Spin, speed, and height remain same.	Up to 6 shots. Adjust speed, spin type, spin amount, height, and position for each shot.	Up to 8 shots. Adjust speed, spin type, spin amount, height, timing, & position of each shot.	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)	No (but available on optional remote)	Yes (also on remote)	Yes (also on remote)
Memory Capacity	None	Save up to 22 drills, from 1 to 6 shots each.	Save up to 99 drills, from 1 to 8 shots each.	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 Micro SD (TF) card.
Pre-Programmed Drills	None	10, can be modified or replaced.	21, can be modified or replaced.	None	21, can be modified or replaced.	21, can be modified or deleted.
Drill Sequencing	No	No	Yes (Cluster Memory)	No	Yes, manually	Yes (Sequences)
Drill Videos	No	No	No	No	No	Yes, for pre-programmed drills: user can add video for custom drill.
Drill Ordering	No	Numerical only. Each drill identified with a number.	Numerical only. Each drill identified with a number.	No	Numerical only. Each drill identified with a number.	Any way the user wants. Each drill can have a custom name and order can be changed.
Mirror Function	No	No	No	No	No	Yes—makes drills run correctly for either right or left handed players, or to quickly create a new drill variation.
Miscellaneous Controller Functions	None	None	None	None	None	Software interface offers top & side view diagrams and text description of each drill; direct email customer support; virtual updates to fix bugs and add features; manual viewable on tablet; restore factory drills; and share drills & messages with friends.

Feature	AMICUS Basic	AMICUS Advance	AMICUS Professional	AMICUS Start	AMICUS Expert	AMICUS Prime
Serve Delay	No	No	Yes—drills that begin with serves have a short delay added at start of each repetition to simulate the pause at the start of a point in a real game.	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.
Serve Number & Order	None	None	1 or 2—if 2 serves are designated, robot will alternate serves to start each drill repetition.	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.
Random Settings	Yes, 3 types— <i>rnd</i> , which scatters shots within a 20 cm radius of a selected point; <i>RND</i> , which randomly delivers a shot to 2 or more selected points; and <i>rndRND</i> , which combines these two random modes.	Yes, 3 types— <i>rnd</i> , which scatters shots within a 20 cm radius of a selected point; <i>RND</i> , which randomly delivers a shot to 2 or more selected points; and <i>rndRND</i> , which combines these two random modes.	Yes, 7 types— <i>Place rnd</i> , to scatter shots within a 20 cm radius of a selected point; <i>Place RND</i> , to randomly deliver a shot to 2 or more selected points; and <i>Type RND</i> , to throw balls with random speed, spin, and height. You can also combine any of the modes: <i>rnd+RND</i> , <i>rnd+Type</i> , <i>RND+Type</i> , <i>rnd+RND+Type</i> .	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> , to scatter shots within a 20 cm radius of a selected spot; <i>Place</i> , to randomly deliver a shot to 2 or more selected spots; 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> .
Ball Frequency	11~100 Balls Per Minute	18~100 Balls Per Minute	13~120 Balls Per Minute	11~100 Balls Per Minute	1~100 Balls Per Minute	5~120 Balls Per Minute
Frequency Steps	Variable—control knob has no discernable steps, but does have 8 indicator marks.	Variable—control knob has no discernable steps, but does have 8 indicator marks.	Variable—control knob has no discernable steps, but does have 12 indicator marks.	Variable—control knob has no discernable steps, but does have 8 indicator marks.	100	115
Frequency Customization	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.	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.
Stopping Ball Delivery	Turn knob on controller to off position.	Turn knob on controller to off position.	Press button on controller or remote. <i>Cycle</i> can stop/start play automatically by time.	Turn controller knob off. With optional remote, press button on the remote.	Press button on controller or remote. <i>Cycle</i> can stop/start play automatically by time.	Press button on controller or remote. <i>Cycle</i> can stop/start play automatically by time.
Interval Training	No	No	Yes. <i>Cycle</i> pauses and then restarts play automatically. Play period can be set to 20, 40, 60, or 80 seconds. Break period automatically set at 1/2 of the play period.	No	Yes. <i>Cycle</i> pauses and then restarts play automatically. Play period can be set to 10, 20, 30, 40, 50, 60, 70, 80, or 90 seconds. Pause period can be set to 10, 20, 30, 40, or 50 seconds.	Yes. <i>Cycle</i> pauses and restarts play automatically. Quickset options for 20/40/60/80 second play periods with break period automatically set to 1/2 of play period. Custom play/break periods can be set from 10–90 seconds for play and 10–50 seconds for break.
# & Type of Wheels	Three 4" foam.	Three 4" foam.	Three 4" foam.	Three 4" foam.	Three 4" foam.	Three 4" foam.
Spin Types	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.	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.

Feature	AMICUS Basic	AMICUS Advance	AMICUS Professional	AMICUS Start	AMICUS Expert	AMICUS Prime
Spin Amount Steps	6 for topspin, 4 for backspin, sidespin has variable control knob with no discernable steps, but 4 indicators.	5 for topspin, 4 for backspin, 4 for right sidespin, 4 for left sidespin.	7 for topspin, 5 for backspin, 6 for right sidespin, 6 for left sidespin.	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.
Speed/Spin Range	@ 50/50 to 100/0	@ 50/50 to 100/0	@ 10/90 to 100/0	@ 50/50 to 100/0	@ 50/50 to 100/0	@ 10/90 to 100/0
How does wheel speed determine spin type & speed/spin ratio?	Speed of 3 wheels relative to each other, forward spinning only.	Speed of 3 wheels relative to each other, forward spinning only.	Speed and direction of wheels relative to each other, forward and backward spinning.	Speed of 3 wheels relative to each other, forward spinning only.	Speed of 3 wheels relative to each other, forward spinning only.	Speed and direction of wheels relative to each other, forward and backward spinning.
Ball Speed Steps	22	19	25	22	21	25
Shot Types	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, heavy serve.	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, heavy serve.
Oscillation Steps	Variable—control knob does not have discernable steps, but has 9 indicator marks.	Variable—control knob does not have discernable steps, but has 9 indicator marks.	17	Variable—control knob does not have discernable steps, but has 9 indicator marks.	17	17
Osc. Movement	Deflector plate; permits very quick left/right placements	Deflector plate; permits very quick left/right placements	Deflector plate; permits very quick left/right placements	Deflector plate; permits very quick left/right placements	Deflector plate; permits very quick left/right placements	Deflector plate; permits very quick left/right placements
Elevation Steps	Approximately 108 with 9 indicator marks.	85 (19 indicators)	200 (45 indicators)	Approximately 108 with 9 indicator marks.	154 (19 indicators)	154 (154 indicators)
Elev. Movement	Deflector plate; permits very quick up/down placements	Deflector plate; permits very quick up/down placements	Deflector plate; permits very quick up/down placements	Deflector plate; permits very quick up/down placements	Deflector plate; permits very quick up/down placements	Deflector plate; permits very quick up/down placements
Silent Mode	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.	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.
Power Supply	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 24V, 2.5A.	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 24V, 2.5A.	External wall wart with Euro & US power cords. Input: 100~240V, 50~60Hz; Output: 28V, 2.8A.	External wall wart with Euro power cord & US plug adapter. Input: 100~240V, 50~60Hz; Output: 24V, 2.5~3A.	External wall wart with Euro power cord & US plug adapter. Input: 100~240V, 50~60Hz; Output: 24V, 2.5~3A.	External wall wart with Euro power cord & US plug adapter. Input: 100~240V, 50~60Hz; Output: 24V, 2.5~3A.
Ball Projection Height	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.	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.
Poly/Celluloid Ball?	Poly or celluloid	Poly or celluloid	Poly or celluloid	Poly or celluloid	Poly or celluloid	Poly or celluloid
Table Thickness Adjustable?	<u>No—rubber tips only for 1" table tops. Must modify installation for all table tops not 1" in thickness.</u>	<u>No—rubber tips only for 1" table tops. Must modify installation for all table tops not 1" in thickness.</u>	<u>No—rubber tips only for 1" table tops. Must modify installation for all table tops not 1" in thickness.</u>	Yes, rubber tips screw/unscrew to accommodate table thickness from ¾" to 1" (9mm to 25mm)	Yes, rubber tips screw/unscrew to accommodate table thickness from ¾" to 1" (9mm to 25mm)	Yes, rubber tips screw/unscrew to accommodate table thickness from ¾" to 1" (9mm to 25mm)
Ball Recycling Net	Yes	Yes	Yes	Yes	Yes	Yes
Side Net Attachment	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.	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.
Robot Dimensions, Unfolded	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	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
Robot Dimensions, Folded	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	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
Weight, Net/Gross				19.3 lb./23.1 lb.*	19.2 lb./23.0 lb.*	20.2 lb./24.0 lb.*
Printed Manuals	1—Owner's Manual (brief)	1—Owner's Manual (brief)	1—Owner's Manual (brief)	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, German, and French (detailed). Manual can also be displayed on tablet.
Carry/Storage Bag	Yes—free	Yes—free	Yes—free	Yes—free	Yes—free	Yes—free

Feature	AMICUS Basic	AMICUS Advance	AMICUS Professional	AMICUS Start	AMICUS Expert	AMICUS Prime
Spare Parts/Tools Included	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).	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.	Rubber bands for side nets, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.
Upgradeable	Yes, to Advance or Professional	Yes, to Professional	No	Yes, to Expert or Prime.	Yes, to Prime	No
Manufacturer Warranty	2 years + 5 year Parts Availability Guarantee	2 years + 5 year Parts Availability Guarantee	2 years + 5 year Parts Availability Guarantee	2 years + 5 year Parts Availability Guarantee	2 years + 5 year Parts Availability Guarantee	2 years + 5 year Parts Availability Guarantee
Country of Origin	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, which are from China.	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.
Price	\$1,199.99	\$1,499.99	\$1,849.99	\$1,299.99	\$1,849.99	\$2,199.99

*Weight may vary slightly from robot to robot. Not to be used for shipping. Dimensional weights are used for shipping, substantially raising the weight used to calculate shipping charge.