

Feature	AMICUS Start	AMICUS Expert	AMICUS Prime
Controller	Wired Control Box	Wired Control Box	Android Tablet (supplied) with app pre-installed. Also can download and use Amicus app on any Android or iOS device.
Tablet Charging	N/A	N/A	Tablet Cable allows tablet to be charged from robot.
Wireless Remote	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.
Controller-Robot Connection	Thin, light cable with 3.5mm jacks.	Thin, light cable with 3.5mm jacks.	Bluetooth (wireless)
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 (but available on optional remote)	Yes (also on remote)	Yes (also on remote)
Memory Capacity	None	Save up to 99 drills, from 1 to 7 shots each.	Virtually unlimited memory. 16Gb storage included on supplied tablet and can be extended with Micro SD (TF) card.
Pre-Programmed Drills	None	21, can be modified or replaced.	21, can be modified or deleted.
Drill Ordering	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.
Drill Search	N/A	N/A	Yes, any text in drill title

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Drill Description	N/A	N/A	Yes—can add description, purpose of drill, tips, etc.
Drill Diagrams	N/A	N/A	Top & side view diagrams, allows user to determine ball order, speed, spin type, spin amount, placement, & trajectory of each ball in 1 glance.
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.
Mirror Function	No	No	Yes—makes drills run correctly for either right or left handed players, or to quickly create a new drill variation.
Random Settings	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, 8 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; <i>and 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> . Also <i>Sector</i> , which allows placement of individual balls to be randomized.

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Interval Training	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 ½ of play period. Custom play/break periods can be set from 10–120 seconds for play and 5–60 seconds for break. Play period can also be regulated by number of balls (10-180) instead of time.
3rd Ball Attack Training	No	No	Yes, wheels are placed in wait mode until tablet detects second bounce of serve and then drill begins.
Miscellaneous Controller Functions	None	None	Direct email customer support. Virtual updates to fix bugs and add features. Manual viewable in app. Share drills & messages with friends.
Ball Frequency	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.	100, in units of 1	115, in units of 1
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.

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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.
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.
Spin Amount Steps	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
Ball Speed Steps	22	21	25
Oscillation Steps	Variable—control knob does not have discernable steps, but has 9 indicator marks.	17	17
Elevation Steps	Approximately 108 with 9 indicator marks.	154 (19 indicators)	154 (154 indicators)
Power Supply	External wall wart with US power cord. Input: 100~240V, 50~60Hz; Output: 24V, 2.7A.	External wall wart with US power cord. Input: 100~240V, 50~60Hz; Output: 24V, 2.7A.	External wall wart with US power cord. Input: 100~240V, 50~60Hz; Output: 24V, 2.7A.
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.
Table Thickness Adjustable?	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)
Ball Recycling Net	Yes	Yes	Yes
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
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
Carton Size	33" L x 15" W x 15" H	33" L x 15" W x 15" H	33" L x 15" W x 15" H
Weight, Net/Gross	20.1 lb./27.25 lb.*	20.0 lb./27.25 lb.*	20.2 lb./28.6 lb.*

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Printed Manuals	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 also displayed on tablet and/or downloaded online.
Carry/Storage Bag	Yes—free. Heavy duty material, padded with 4 pockets and 2 internal straps, and external feet for standing upright.	Yes—free. Heavy duty material, padded with 4 pockets and 2 internal straps, and external feet for standing upright.	Yes—free. Heavy duty material, padded with 4 pockets and 2 internal straps, and external feet for standing upright.
Balls Included?	120 Training Balls	120 Training Balls	120 Training Balls
Spare Parts/Tools Included	Side Net Rubber Bands, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.	Side Net Rubber Bands, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.	Side Net Rubber Bands, Wheel Adjustment Gauge, 2mm & 4mm Hex Wrenches (for replacing & adjusting wheels), Repair White Strip.
Upgradeable	Yes, to Expert or Prime	Yes, to Prime	No
Manufacturer Warranty	3 years + 5 year Parts Availability Guarantee	3 years + 5 year Parts Availability Guarantee	3 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, & tablet which are from China.
Price	\$1,499.99	\$2,099.99	\$2,399.99

*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.