Feature	AMICUS Expert	AMICUS Prime (when using Prime+ app)
Controller	Wired Control Panel	Android Tablet (supplied) with app pre-installed. Can install app on any Android or iOS device.
Tablet	N/A	8" screen, 2.0GB RAM, & 1000mAh battery.
Memory Capacity	Save up to 99 drills, from 1 to 7 shots each.	Virtually unlimited. 32Gb included. Extend with Micro SD (TF) card.
Languages	N/A	English, French, German, & Hungarian
Tablet Charging	N/A	Tablet Cable from robot, or plug USB charger directly into power outlet.
Wireless (RF) Remote	Yes (supplied). Has Start, Stop, & Frequency +/– buttons. Can connect up to 4 remotes to a robot.	Yes (supplied). Has Start, Stop, & Frequency +/– buttons. Can connect up to 4 remotes to a robot.
Controller-Robot Connection	Thin, light cable with 3.5mm jacks.	Bluetooth (wireless)
Programmable	Up to 7 shots per drill. Adjust speed, spin type, spin amount, height, and position for each shot.	Up to 10 shots per drill. Adjust speed, spin type, spin amount, height, timing, & position of each shot.
Sampling Button	Yes (also on remote)	Yes (also on remote)
Factory Drills	21, can be modified or replaced.	21, can be modified or deleted.
Restore Factory Drills?	Yes	Yes, will not delete custom drills.
Drill Backup	N/A	Yes
Drill Sequencing (aka, Grouping)	No	Yes (Sequences), limited to 10 drills.
Sequence Options	None	Use Cycle for all drills in a sequence or use unique cycle for each drill. Randomize the drills in a sequence.
Drill Videos	No	Yes, for factory drills.
Drill Ordering	Numerical only. Each drill identified with a number.	Any way user wants. Give drills custom names or change order.
Drill Search	N/A	Yes, any text in drill title.
Drill Description	N/A	Yes—can add description, purpose of drill, tips, etc.
Drill Diagrams	N/A	Top & side view diagrams show ball order, speed, spin type, spin amount, placement, & trajectory of each ball in 1 glance.
***On The Fly* Ball Adjustment**	N/A	Yes—after drill begins, adjust speed, spin, & trajectory for all balls as drill is running.
Delete Ball	Yes, button press	Popup submenu

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Copy Ball	Yes, automatically copies current ball when creating new ball.	Popup submenu or by adding a new ball (copies selected ball).
Change Ball Order	N/A	Commands in the popup submenu.
Shot Types	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	Yes—makes drills run correctly for right or left handed players, or quickly creates new drill variation.
Serve Delay	No	Yes—adds short delay before drill that starts with a serve to simulate pause at start of point in a real game.
Serve Number & Order	None	1, 2, or 3—if 2 or 3, robot alternates serves to start each drill repetition; if Type Random is on, robot randomizes the serves.
Random Settings	Yes, 3 types—*Scatter* , which scatters shots within a 20 cm radius of a selected point; *Place* , which randomly delivers a shot to 2 or more selected points; and *Scatter+Place* , which combines these two random modes.	Yes, 8 types—*Scatter* , to scatter shots within a 20 cm radius; *Place* , to randomly deliver a shot to 2 or more selected spots; *and Type,* to randomize the order of balls. You can combine modes: *Scatter+Place* , *Scatter+Type* , *Place+Type* , and *Scatter+Place+Type* . Also *Sector* , for random placement of individual balls.
Interval Training (Timer)	Yes. *Cycle* 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. *Cycle* pauses and starts play automatically. Quickset options for 20/40/60/80 second play periods with pause set to ½ play period. Custom periods can be set from 2–180 seconds for play and 0–60 seconds for pause. Play period can also be regulated by number of repetitions (2–180) instead of time. If pause is set to 0, play stops after the amount of time or number of repetitions in the play period.
3rd Ball Attack Training	No	Yes, wheels placed in Wait mode until tablet detects serve and then drill begins.
Pass Ball	No	Yes—when Wait is on, Pass Ball can be turned on so robot delivers a ball to the server at end of each repetition to use for starting the next repetition.
Unload Balls	No	Yes—unloads balls in Ball Tray quickly for serve practice, storage, or transport.

Feature	AMICUS Expert	AMICUS Prime (when using Prime+ app)
Miscellaneous Controller Functions	None	Direct email support. Virtual app & firmware updates to fix bugs and add features. Manual viewable in app. Share drills & messages with friends.
Ball Frequency	@ 1–100 Balls Per Minute	@ 5–120 Balls Per Minute
Frequency Steps	100, in units of 1	115, in units of 1
Frequency Customization	Automatic Frequency Control (AFC) provides better timing between shots of varying speed and spin.	Individual Frequency Control (IFC) to adjust timing between two programmed balls.
Stopping Ball Delivery	Press button on controller or remote. *Cycle* can pause/start play automatically by time, but cannot fully stop drill.	Press button on controller or remote. *Cycle* can pause/start play automatically by time or number of repetitions, and can stop drill if pause is set to 0.
How wheel speeds determine spin type & speed/spin	Speed of 3 wheels relative to each other, forward spinning only.	Speed and direction of wheels relative to each other, forward and backward spinning (this allows for heavy spin/slow speed shots like slow loops & ghost serves).
Speed/Spin Range	@ 50/50 to 100/0	@ 10/90 to 100/0
Spin Amount Steps	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.
Ball Speed Steps	21	25
Oscillation Steps	17	17
Elevation Steps	154 (19 indicators)	154 (154 indicators)
Calibration	Yes	Yes, includes onscreen instructions and now includes routine for balancing left/right balls.
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.
Ball Projection Height	Adjustable—8", 9.5", 11", & 12.5" above table surface.	Adjustable—8", 9.5", 11", & 12.5" above table surface.
Table Thickness Adjustable?	Yes, for table tops from ⅜" to 1" (9–25mm)	Yes, for table tops from ⅜" to 1" (9–25mm)
Ball Recycling Net	Yes	Yes
Side Net Attachment	Thick rubber band slips over net bracket and around clamp screw.	Thick rubber band slips over net bracket and around clamp screw.
Robot Dimensions, Unfolded	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
Carton Size	33" L x 15" W x 15" H	33" L x 15" W x 15" H
Weight, Net/Gross	20.0 lb./27.25 lb.*	20.2 lb./28.6 lb.*

Feature	AMICUS Expert	AMICUS Prime (when using Prime+ app)
Printed Manuals	Owner's Manual in English, German, and French (detailed). Can also be downloaded online.	Owner's Manual in English, German, & French (detailed). Manual also on tablet and/or downloaded online.
Carry/Storage Bag	Yes—free. Heavy duty material, padded with 4 pockets, feet, carry handles, & backstrap.	Yes—free. Heavy duty material, padded with 4 pockets, feet, carry handles, & backstrap.
Balls Included?	120 Training Balls	120 Training Balls
Spare Parts/Tools Included	Wheel Adjustment Gauge, Side Net Rubber Bands, 2mm & 4mm Hex Wrenches (to replace & adjust wheels), Repair White Strips, Velcro strips to secure net corners and controller bracket.	Wheel Adjustment Gauge, Side Net Rubber Bands, 2mm & 4mm Hex Wrenches (to replace & adjust wheels), Repair White Strips, Velcro strips to secure net corners and controller bracket.
Upgradeable	Yes, to Prime	No
Warranty	2-Year Manufacturer's Warranty + 1-Year Distributor's Warranty (N. & S. America only) + 5-Year Parts Availabilty Guarantee	2-Year Manufacturer's Warranty + 1-Year Distributor's Warranty (N. & S. America only) + 5-Year Parts Availabilty Guarantee
Country of Origin	Hungary, except carry bag & power supply, which are from China.	Hungary, except carry bag, power supply, & tablet which are from China.
Price	2,199.99 (check for discounts)	$2499.99 (check for discounts)

*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.