

A. **Sheldon 26270 Mobile Axis Infinity Student Table:**

Remote Controlled, Motorized Adj Hgt, 7ft. Work Surface, Metal Base, No Sink.

1. The Mobile Student Laboratory Table shall be multi-purpose, able to seat a minimum of four (4) students, accommodate computer technology, and provide combination lab/lecture functions. Work surface height shall be adjustable from 30" to 36" with a remote handset, quickly converting from lecture height to lab height.
2. The adjustable height Shelresin student work surface is curvilinear shaped and measures a **minimum of 84" x 44"**. The unique contoured shape of the counter top is provided to eliminate sharp corners from projecting into the aisles. The adjustable height work surface top is 1" thick molded epoxy resin and has an integral raised marine edge.
3. The understructure for the adjustable work surface is constructed of a minimum 11-gauge steel and provides support for a 1,000 lb maximum load on the perimeter of the counter top. Heavy-duty steel tubes are bolted to three (3) top mount brackets and screwed through angle brackets into the underside of the work surface to provide uniform support. The top mount brackets are bolted to and support the three (3) motorized lifting columns, which are firmly attached to a welded steel leg support frame that provides rigid stability for lifting the work surface.
4. Under the adjustable work surface is mounted a convenient lockable metal storage compartment for the upright rod assemblies.
5. Mounted in the lower section of the movable, 11 ga., heavy-duty, metal utility base is a 110-VAC control box, activated by the remote-control signal, that synchronizes the three (3) motorized lifting columns that raise or lower the student work surface. The control box is provided with a safety load-limit dongle switch. Cables from control box to three (3) motors are housed in flexible conduit.
6. The metal utility base assembly also provides housing for electrical service lines, and is used for mounting two (2) duplex electrical outlets and the IR sensor in the front recessed panel. A removable front panel provides access to services. Left and right rear metal cover panels are provided to enclose the lower portion of the leg support frame.
  - a. The 34" fixed ADA height, utility base top is 1" thick molded epoxy resin with radius edges. The overall top is 42-1/8" long x 14-3/16" wide. Space is allowed at the rear of the top for optional electrical/data outlets **when called for**. The juncture between the sides and rear of the fixed top and the adjacent adjustable height work surface is provided with a metal safety hand-guard.
  - b. Each table is provided with an IR sensor extension eye in the front recessed panel and connected to the control box in the utility base. Each table is provided with one (1) remote control handset.

- c. The utility base is provided with one (1) GFI duplex receptacle located on each end of the front recessed panel, and one (1) quad box with two (2) Non-GFI duplex receptacles located on the right side interior wall of the utility base. A twist lock flanged power inlet is located on the right side exterior wall of the utility base, and one (1) six foot, heavy-duty, power cord with twist lock connector on one end and 3-prong plug on opposite end is also included.  
**Internal wiring in utility base is included.**

**120-VAC, 20 amp electrical receptacle in floor or in ceiling mount power poles, that provide a dedicated circuit power source to each mobile table, is not included.**

7. Each end of utility base and 3-leg support frame shall be provided with a total of five (5) heavy-duty, adjustable, roll and set, leveling casters that allow table to be easily moved or stabilized.
8. Standard color and finish of **all** metal components is black powder coated epoxy. The metal utility base and rear metal cover panels are available in additional colors shown on the Sheldon Metal Color Chart.
9. Standard services and accessories to be included with each table:

Two (2) 85101 electrical boxes with GFI duplex receptacles.

One (1) 85201 quad electrical box with two (2) Non-GFI duplex receptacles.

One (1) P&S twist lock, 20-Amp, 2 pole, 3w, grounding, flanged power inlet.

One (1) 6 ft power cord with Leviton 20 Amp, 2 pole, 3w, grounding twist lock connector on one end, and 3-prong, grounding plug on opposite end.

Two (2) 86375 Sets upright clamp-on rod assemblies.

**Optional accessories available at additional cost:**

One (1) PPA0001K Set clamp-on privacy panels (3-Panel Kit).

One (1) Pair data/electrical outlet flip-ups.