

A. **Sheldon 14020 ADA TE II Four-Student Work Station:**
Epoxy Resin Top and Trough with Unicast Fixtures.

TP 12.14.17

1. Work Station: Configuration of the TE II four-student ADA lab table prevents students from unsafely working back-to-back in the lab area. This feature allows convenient aisles and easy access while the instructor monitors student lab activities. Services are located on the outer perimeter of the table allowing access to all students. Standard color is Black.
 - a. The ADA lab table includes provisions required in the ADA Accessibility Guidelines. The table has two (2) wheelchair spaces on one side with access to the trough sink and services. The bi-level work surface accommodates wheelchair height on one side and 34" maximum standing height on the opposite side.
2. Support Understructure: Formed to accept free-standing mobile units on either side, and suspended storage cubicles or guides with Carryall totes on 34" side. These units included **only when specified**. Understructure shall fully enclose and protect the service piping and electrical wiring.
 - a. Understructure is molded one-piece fiberglass reinforced polyester with Gelcoat surface, 3/4" radius on all exterior corners, and has internal reinforcing braces and webs. Two (2) removable access panels are provided in the understructure immediately below the combination water/gas fixtures for the service connections.
3. Work Surface: Shelresin top is 1" thick molded epoxy resin with integral raised marine edge. Trough corners are 67-1/2" wide and ADA corners are 74" wide. Provide minimum of 3,450 square inches of total work area.
4. Full Length Trough: One-piece molded epoxy resin trough is provided with integral, raised service turrets on each end, a ribbed bottom, and with a center drain. Trough I.D. is 56-1/2" x 9" x 5-1/4" deep at the center and 4-3/4" deep at the ends. The raised service turrets are 10" long x 5-1/2" wide. Trough O.D. is 67-1/2" long and designed to accept removable flush trough covers when used in a Physics Lab. Covers included **only when specified**. Provide a minimum height of 13" from turret-mounted water fixture outlets to bottom of trough.
5. Pedestal Base: 10 gauge formed steel, 14-3/4" square, with 3/4" radius on outside corners. Holes at vertical intervals shall accept bolted fasteners for understructure adjustment of desired work heights at the time of installation. The pedestal base is attached to bottom of understructure with four (4) heavy-duty steel angle brackets and bolts that provide both support and height adjustment. Pedestal base is attached to the floor with four (4) 3/16" welded corner gussets. Two (2) removeable steel panels secured with sheet metal screws that cover the 10" x 14"

opening on opposite sides of the pedestal base are provided for access to service piping. **Internal service piping and wiring not included.**

a. When properly bolted to the floor, unit shall support 250 lb. load at the perimeter, and not allow undue movement of the work surface.

6. Standard services and accessories included with each table:

a. Two (2) 80020-WB-CV Unicast cold water/gas fixtures with wrist blade handles and check valves.

Two (2) 85101 GFI duplex electrical receptacles.

Four (4) 86320 upright rod bases.

One (1) sink outlet and stopper.

Upright rod assemblies provided only when specified.