

A. **Sheldon 14001 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 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 work surface height is changeable at time of installation and can be set at 33-3/4", 34-3/4", 35-3/4", or 36-3/4".
2. Support Understructure: Formed to accept on four (4) sides, suspended storage cubicles in a variety of configurations, free-standing mobile units, or guides with Carryall storage totes. These units are included **only when specified**. The 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. The top is 56" square and 67-1/2" across corners with a minimum of 3,020 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) removable 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 work surface.
6. Standard services and accessories included with each table:
- a. Two (2) 80020-CV Unicast cold water/gas fixtures with 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.**