

J-STD-001 Training Lab Tools and Equipment

Instructor Use

Work Bench w/Electrical Strip Safety Glasses ESD Wrist Strap Instructor scope/Vision system Hi Intensity Lamp Circuit Card holder Trash Can Chair
Video Display System Computer* LCD projector* Projector Screen TV/VCR for videos Monitor for vision system 35mm slides and projector optional
White Board with markers

General Lab Use

Solder pot with lead free alloy required for CIT training, alloy type optional for CIS training
Bar Solder for Solder Pot
General Consumables such as: Acid brushes Liquid Flux Wipes

Student Soldering Lab

Each student will need one training kit appropriate for the Sessions/Modules being trained, plus one kit for use by the instructor in demos.

One of each item per student work station (maximum 12 students) plus one set for the instructor demo desk (except microscope).

Work Bench, w/Drawers, Power Strip, Foot Rest Chair Safety Glasses ESD Wrist Strap Student microscope Hi Intensity Lamp Lighted Magnifier (optional) Trash Can Circuit Card holder
Soldering/workstation power supply with: Temperature Controlled Soldering Iron Thermal wire strippers
Soldering Iron tips (these are consumables) 1/16" Chisel tip 1/32" Chisel tip 1/64" conical tip 1/32" bent conical tip 1/8" Chisel tip
Solder (wire), various sizes (consumables) 0.010" or .015" 0.020" 0.031" 0.063" tinning
Lead forming tools suitable for axial leaded devices of various sizes (1/8w) (1/4w)
Hand Tools Mechanical wire strippers Diagonal cutters Round nose pliers Flat nose pliers Curved Tweezers Spudger such as orangewood stick Terminal Block (to hold various solder terminals)
Workstation consumables: Water bottles Cleaner Flux pens