

1. BenchPro™ uses LisStat™ ESD Laminates:

LisStat™ uses a design which controls the static dissipation rate to meet all ANSI/BIFMA and Federal GSA standards. This laminate carries the static charge across a layer of carbon which is buried just below the surface color layer.

Some of the competitors still use brands of ESD laminate which are made conductive by dipping conventional laminate sheets into a chemical bath, then dry the sheet. These sheets come from the laminate dipper with a label which, to paraphrase it, reads “*do not clean with any products containing water, ammonia, chlorine, or soap.*” BenchPro™ has replaced hundreds of competitor’s tops which have lost their ESD properties over time, even though they followed all the manufacturer instructions.

2. BenchPro™ Uses ESD Laminate on the Top and All Edges:

As surprising as it sounds, most other companies either use a non-dissipative rubber strip or use nonconductive laminate on the edges. If you already have a competitors ESD bench, you can spot this by checking to see if the laminate looks identical in color, thickness and texture. If it looks different, check the surface resistivity. It won't be the same.

3. Aluminum Underside:

BenchPro™ is the only bench manufacturer to use an aluminum sheet to seal the underside of their tops and to assure conductivity. While other makers generally leave the core particleboard uncovered on the bottom, paint the bottom, or apply a brown paper sheet, BenchPro™ uses the only material which completely seals out moisture and is 100% conductive. This is important too, as this moisture is the only reason tops warp, and leaving a nonconductive bottom sheet can cause problems in sensitive work areas.

4. Multiple Grounding Systems:

While other brands of benches tout a very special bolt used to ground the surface of the laminate to their grounding system wires, BenchPro™ has eliminated this bolt (and the wires). Because all BenchPro™ bench tops are designed with a full 180-degree laminate radius on the front edge, and because the front laminate wraps under the top of the frame, they simply placed the frame where the fastening screws go through the laminate. This directs the static charge directly into the frame, which is in turn grounded by two conductors they provide for earth grounding purposes. All ESD shelves have the same grounding system.

The two front legs have banana jacks on their front edges to accept wrist strap connectors. The back of the frame has two mounting lugs to attach the two grounding wires which are included with the system. You will find this double system in evidence on every ESD bench and accessory BenchPro™ makes.

BenchPro™ ESD workbenches are not connected electrically to the floor. They use insulated floor glides so static charges will pass only through the grounding system provided, and so inadvertent charges on the floor cannot pass up to the work surface and operator.