



Electrical Density Gauge

An Electrical Density Gauge (EDG) is a nuclear-free alternative for determining the moisture and density of compacted soils used in road beds and foundations. An EDG is a portable, battery-powered instrument with the capability to be used anywhere. It features a user-friendly, step-by-step menu that guides the user through each step of the procedure while also providing cautions to the user when values do not correspond.

An EDG has the ability to be used as a construction aid to monitor day-to-day compaction operations. Providing performance and measurement results highly comparable to those achieved with traditional methods such as, the nuclear gauge and or sand cone and oven moisture test combination. The EDG measures and displays the results for wet and dry density, gravimetric moisture content and percent compaction.

The EDG Gauge includes:

- Console/Case
- 4-tapered 6" darts
- Hammer
- Soil sensor and cables
- Dart template
- Temperature probe
- Battery charger
- Field verifier
- Safety glasses

