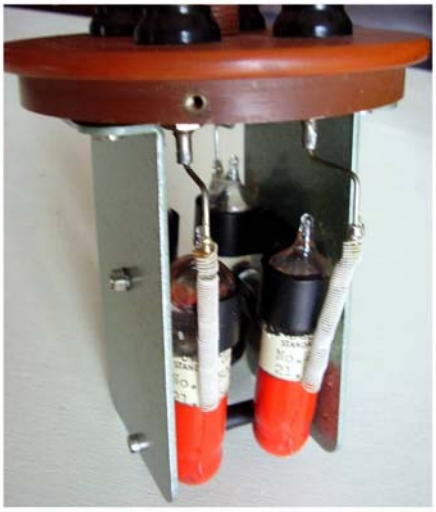
Tinsley 1149 Weston Standard Cell



The Weston cell was first devised in 1893 and accepted as primary voltage standard since 1911. Still today it is in semi-clandestine use to check solid state voltage references. Due to environmental restrictions for its major components, mercury and cadmium, its use is very limited and secret today. Unfortunately, even the documentation and the same datasheets have been removed from the Web, probably fearing mercury contamination of the keyboards!

Tinsley builds Weston cells since 1911. This model, including two Weston cells, was intended as voltage primary reference for laboratory use.