

AVO - AVOMeter 8



- In the picture above some AVOMeters of different revision level.

AVOMeter model 8 probably was the most appreciated multimeter, in production from the early fifties up to 2008, with several revision levels, up to Mark 7.

Basically type 8 was built around a $50 \mu\text{A}$ moving coil meter with spring-loaded jewels which resulted in a smooth movement. The multimeter could read voltages and currents, both DC and AC, plus resistance values. Up to the MK V there were separate inputs for high DC and AC voltages, 2500 or 3000 volts, depending upon the revision. Later the HV ranges were suppressed, due to stupid safety rules.

Exceptionally sturdy and reliable, protected against any overload, it was really indestructible. At the Polytechnic workshop AVOMeters survived the mishandlings of graduating students, including the use of their thick rubber cables as support for hot soldering irons. My early MKII went down from a catwalk, at the height of about 15 meters, and the damages were a small scratch on a knob and the tripping of the protective cut-out. I lost it and a friend at the same time just when I lend it to him. One of the samples in the collection, the one I currently use, was still in service in 2000.

Here is the [manual of AVOMeter 8 MKII](#).