

A way to build a "Rod probe" by TOTO4G

To measure, under the surface, without moving the material, it is useful to a rod probe. In order to make it easier to analyze, this guide shows how to build a "rod probe" with recycled materials. Maybe they are not specific applications, but the construction is simple.

what it takes to create the probe:

- geiger tube (I used a Valvo 18550)
- broken Ph probe
- piece of brass tubing (length 75 cm)
- steel ball



first, with tin solder balls to the brass tube as shown below:



second, cutting off the probe PH and solder the cable shielded with geiger tube, the addition of a 2.2Mohm load resistor, as shown in figure

of course, insert the probe into the tube and lock the cable.

good luck

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