

GOLD ELECTRON DETECTOR -- Close-up of the panel on the Telstar II communications satellite shows the gold "scatter dome" electron detector. The tiny device measures electrons in an energy range from 750,000 to two million electron volts. Radiation measuring equipment on Telstar I was capable only of measuring electrons in the 250,000 to one million electron volt range; because of its inverted cone shape, it was limited to a 20 degree angle of measurement. The new detector also allows omnidirectional measurement. (63-2159)



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