Practical 12: – Investigation of the inverse-square law for gamma radiation

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Plug the GM tube into the scaler and set at the appropriate voltage before starting the scaler to check it starts counting.

Make sure the GM is in the lateral position for gamma radiation.
The apparatus is set up as in the diagram and source placed in its holder
When ready simultaneously start the timer and scaler and take a count after a chosen number of minutes
Re-set the source position to a different distance then...
...repeating for more different source – GM tube distances