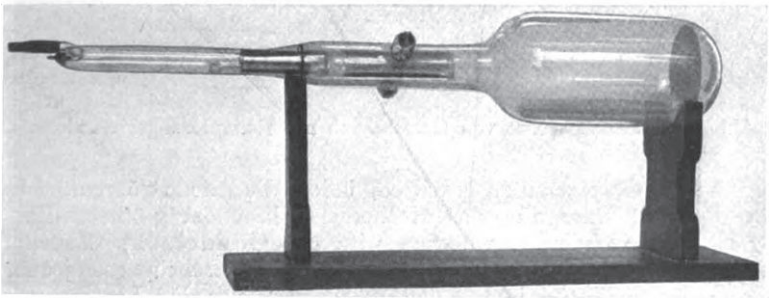
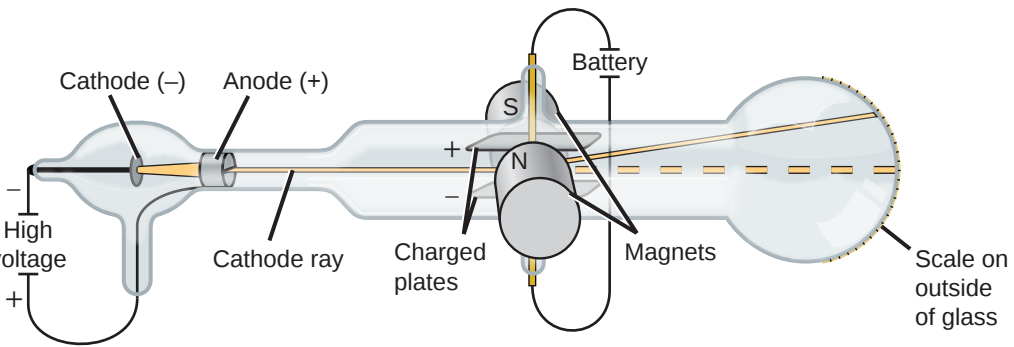
(a)



(b)


Cathode (–)
Anode (+)
Battery
S
+
N
–
–
High
voltage
+
Cathode ray
Charged
plates
Magnets
Scale on
outside
of glass

(c)