

$^{226}\text{Ra}(p,2n)^{225}\text{Ac}$

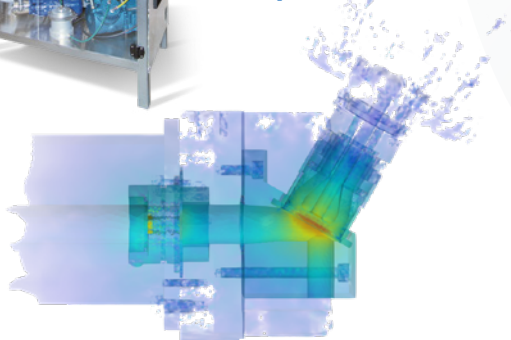
New

Solid target processing system for ^{225}Ac production

IRRADIATION UNIT & COOLING SYSTEM



*30° angled target
to increase the yield
of the nuclear reaction
 $^{226}\text{Ra}(p,2n)^{225}\text{Ac}$*



CYCLOTRON
CYCLOTRON

DISSOLUTION AND PURIFICATION MODULES FOR ^{225}Ac PRODUCTION



- PRODUCTION OF ^{225}Ac VIA THE NUCLEAR REACTION $^{226}\text{Ra}(p,2n)^{225}\text{Ac}$
- ^{226}Ra ELECTROPLATING WITH ONLY 150 mg OR LESS
- 30° INCLINATION OF THE TARGET TO INCREASE THE YIELDS
- FEASIBLE FOR CYCLOTRON WITH ENERGY UP TO 24MeV
- SAFE SEALED TARGET

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