



I. Overview (30 m)

- a. Brief history, aerosol exposures
- b. Equipment/animals
- c. Class III cabinets
- d. Procedural video

II. Aerosol generation (15 m)

- a. Overview of generation technologies
- b. Collision nebulizer
- c. Viability

III. Sampling & characterization (15 m)

- a. Methods of sampling (impinger, filter, etc.)
- b. Particle sizing
- c. Deposition and retention

IV. Dose (15 m)

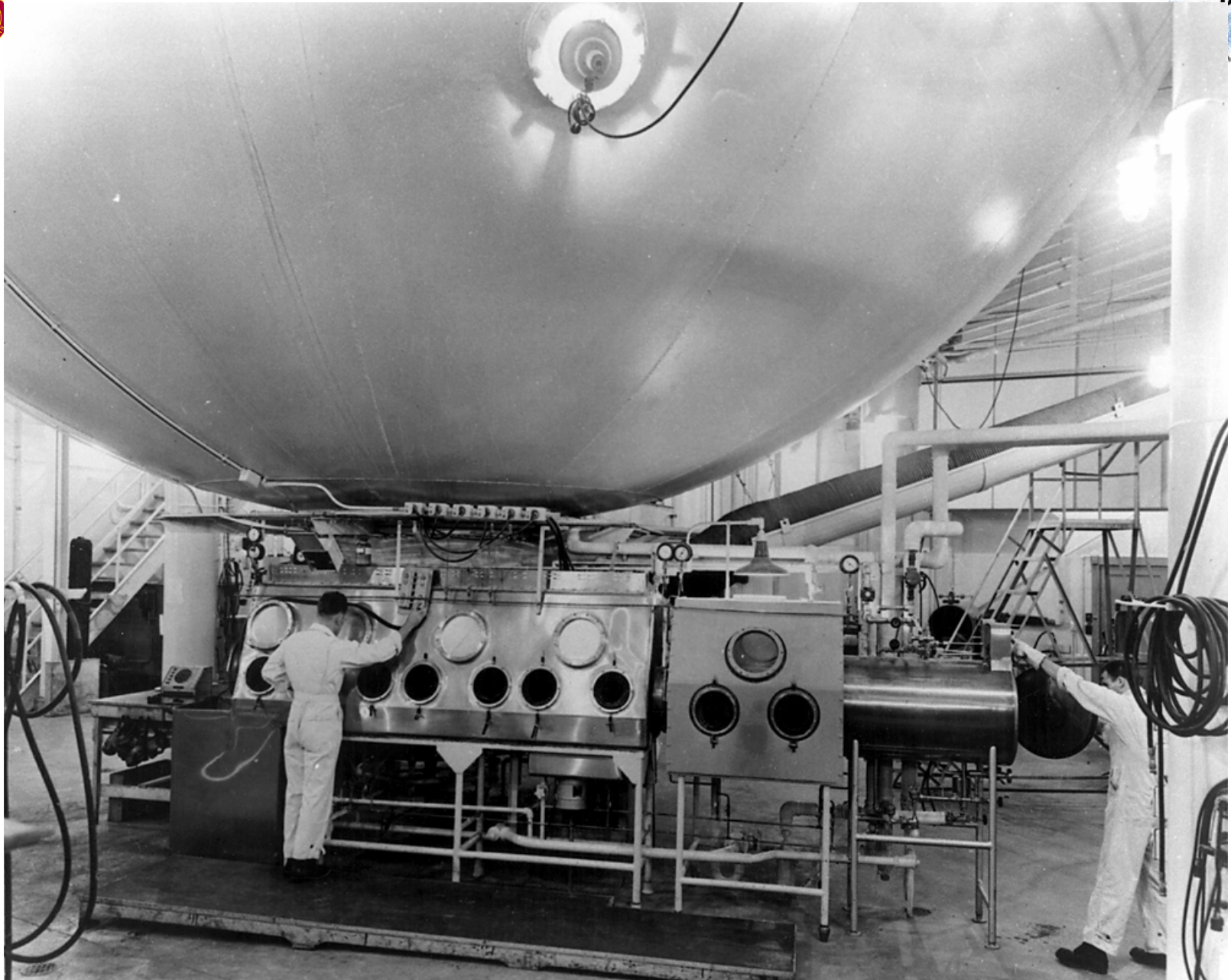
- a. Definition of dose
- b. Calculation
- c. Importance of the 'spray factor'

BREAK

V. Emerging Technology (30 m)

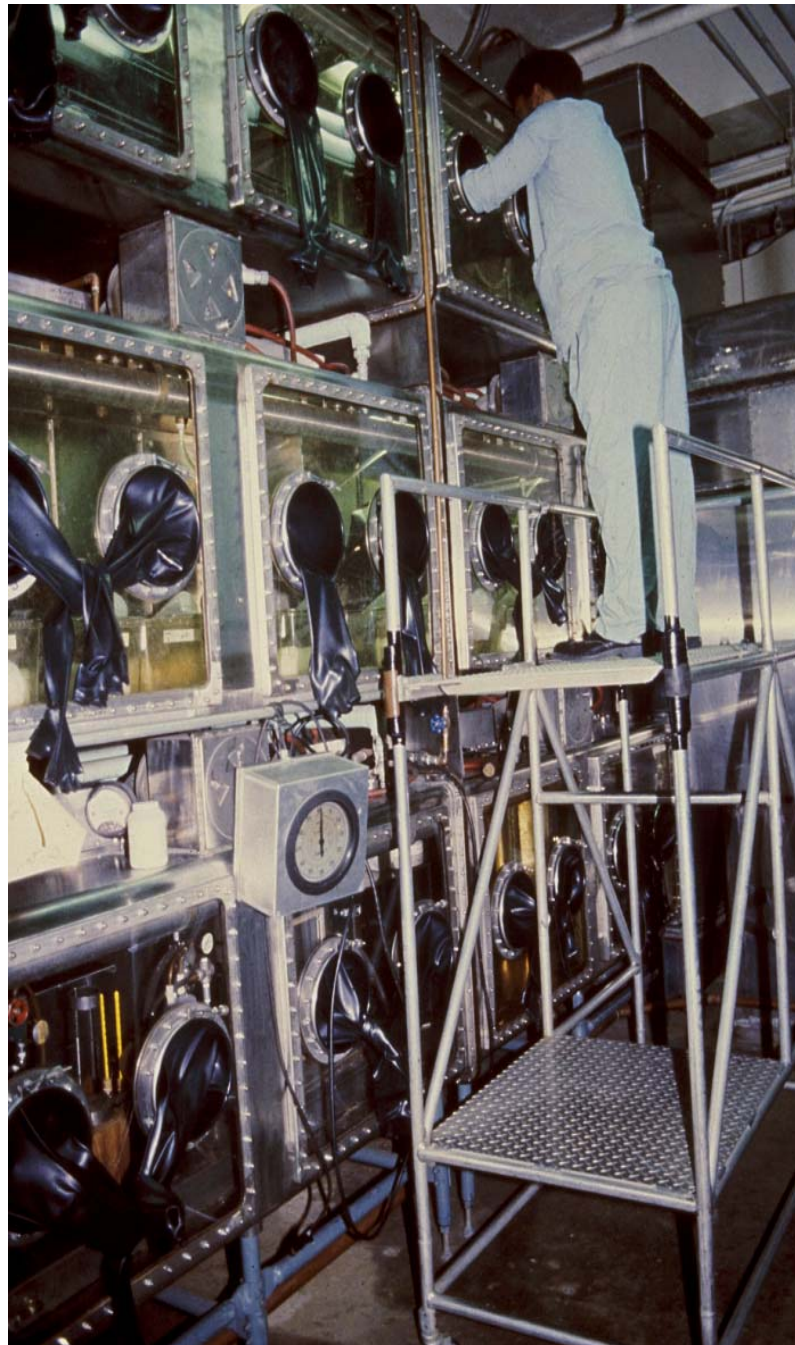
- a. Genesis of the automated technology
- b. Application

VI. Examples: aerosol exp. of animals (30 m)

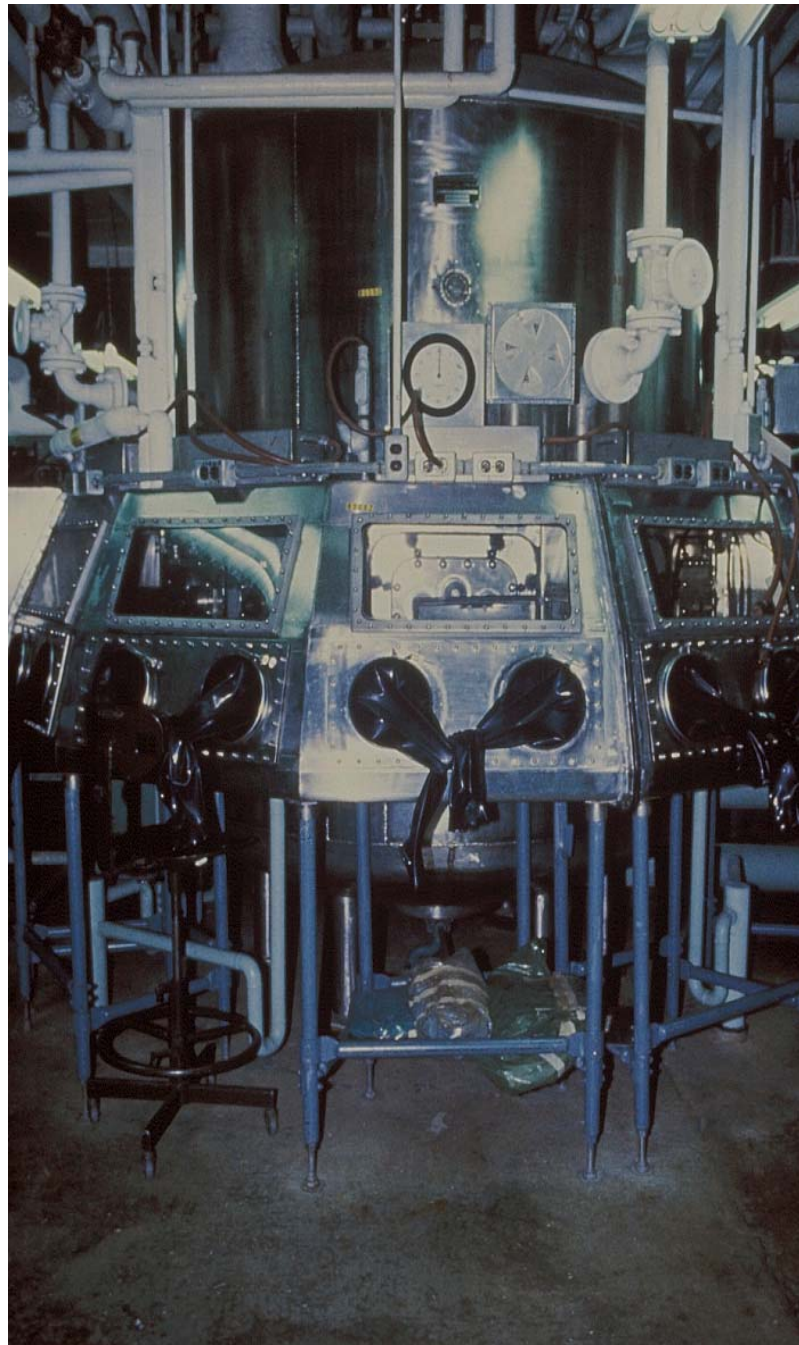








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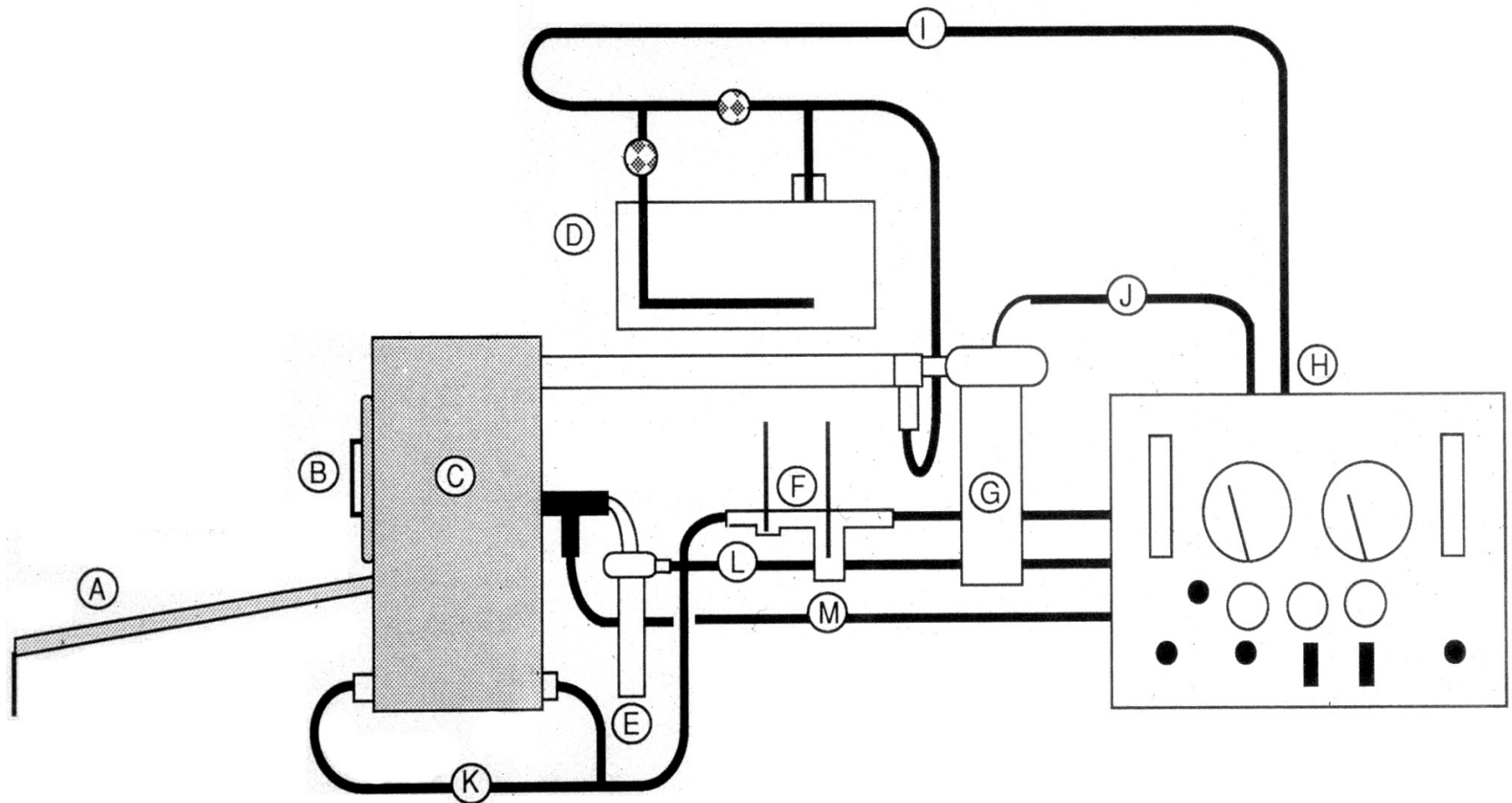
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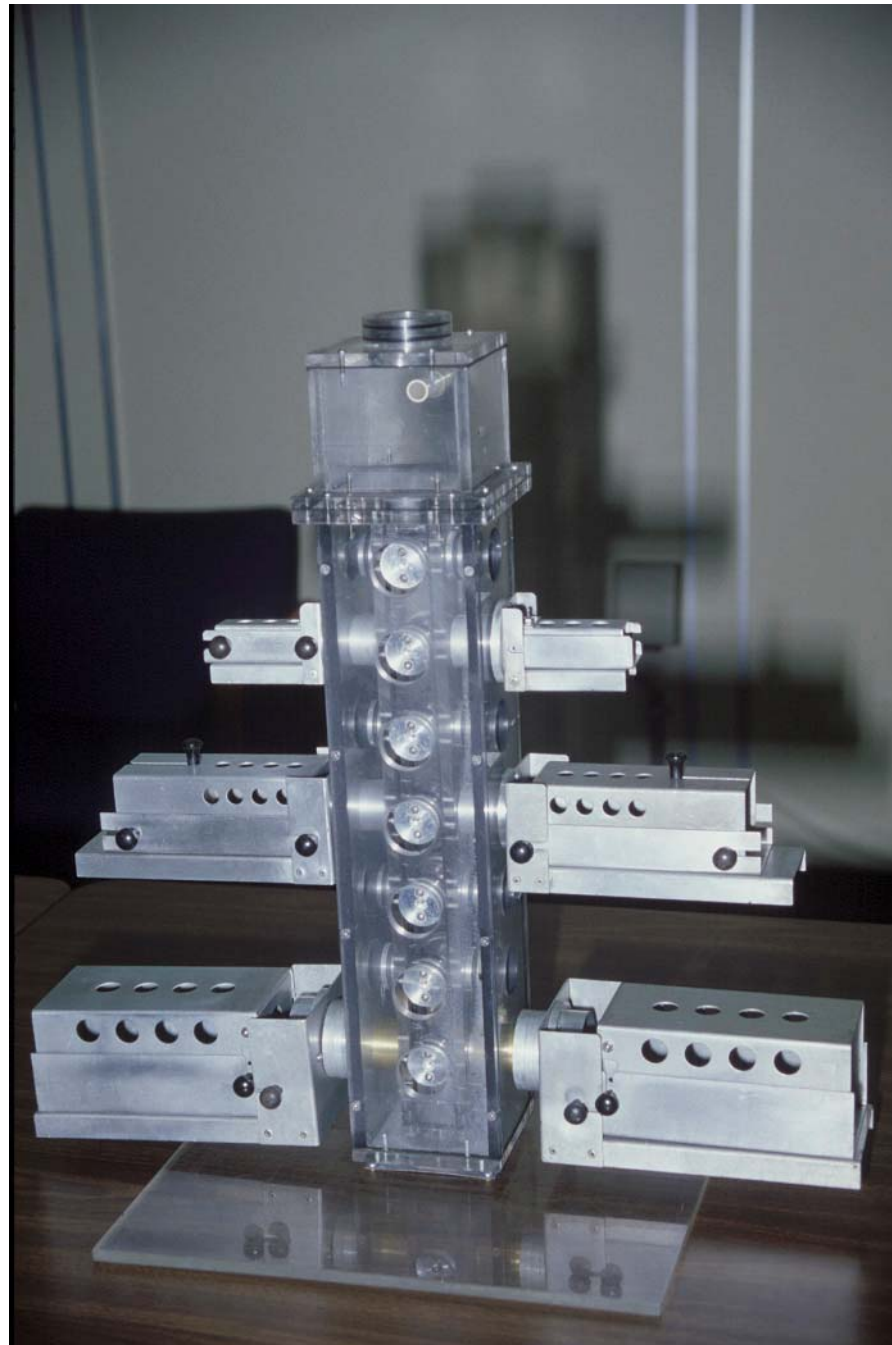


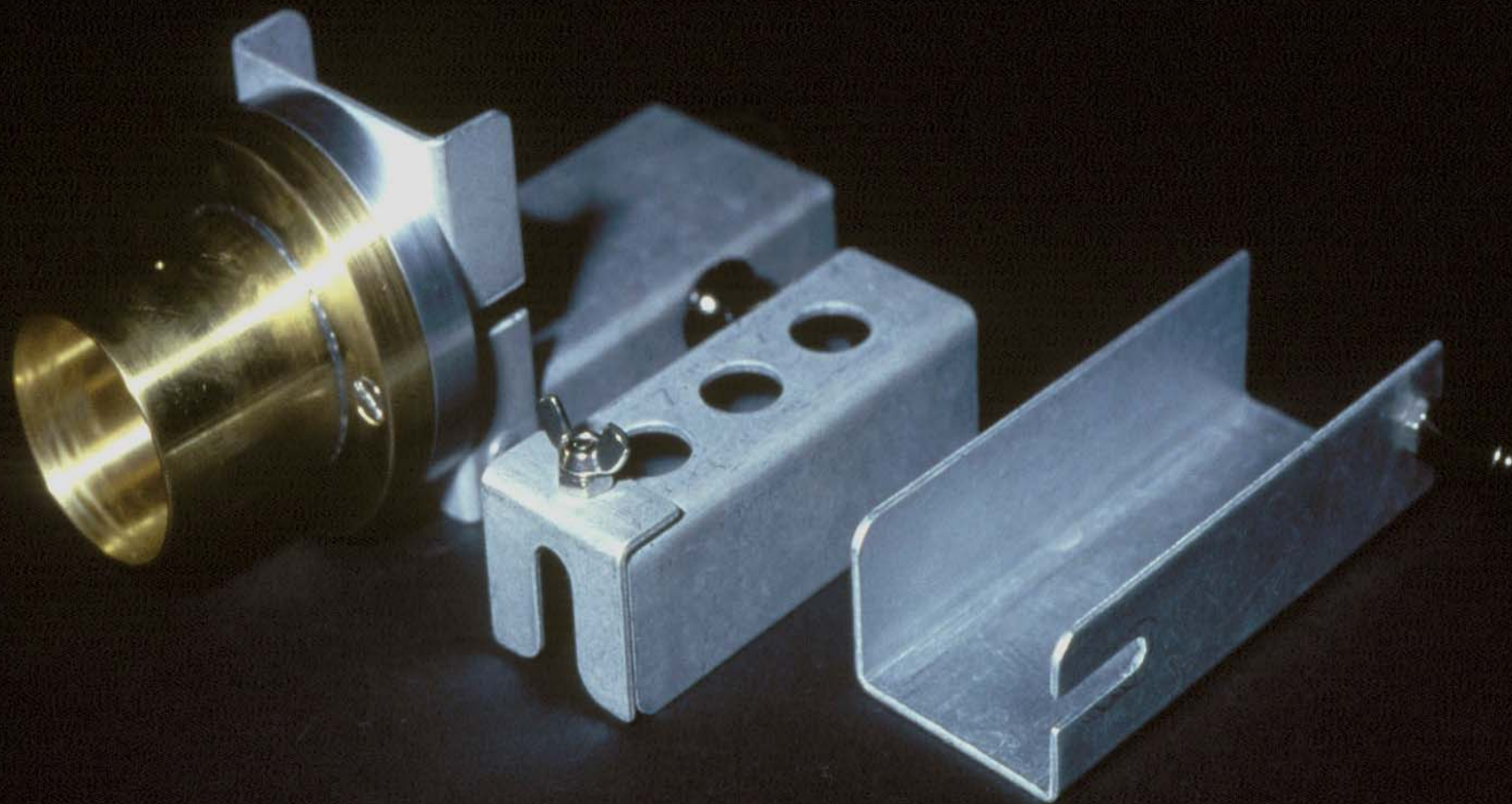


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Pass box into Class III cabinet





exposing the NHP



MOV00053



preparing for next exposure

