

Plutonium Immobilization Project Pictures from the Can Loading Puck Can Inspection Demonstration (Milestone 2.2.4.5/FY00/b)

P. Maddux

October 16, 2000

U.S. Department of Energy

Lawrence
Livermore
National
Laboratory

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FMD Program

*Plutonium Immobilization
Project*

Lawrence Livermore National Laboratory

October 26, 2000
PIP 00-129LTR

000055

William J. Danker
Immobilization Project Leader
Office of Materials and Immobilization, NN-62
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

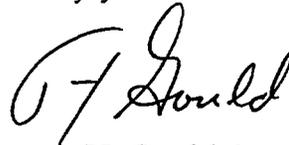
Dear Mr. Danker:

Subject: Closeout of Milestone 2.2.4.5/FY00/b

Attached is the closeout of Milestone 2.2.4.5/FY/b, "Can Loading Robot and Can Swiping Robot Demonstration Complete."

If you or your staff have any questions regarding this evaluation, please contact me, or Paul Maddux.

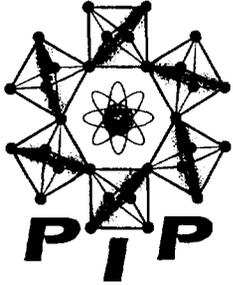
Sincerely yours,



Thomas H. Gould, Manager
Plutonium Immobilization Project

Attachment

Fissile Materials Disposition Program



**Plutonium Immobilization Project
Pictures from the Can Loading Puck Can
Inspection Demonstration
(Milestone 2.2.4.5/FY00/b)**

October 2000

Westinghouse Savannah River Company

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**Plutonium Immobilization Project
Lawrence Livermore National Laboratory
Livermore, California 94550**



SRT-RSE-2000-00049

October 16, 2000

TO: Paul Maddux
703-45A

FROM: Eric Kriikku *EK*
773-A

CAN LOADING MILESTONE FOR PLUTONIUM IMMOBILIZATION (U)

Attached are pictures from the Can Loading Puck Can Inspection demonstration. These pictures fulfill the AOP milestone number 2.2.4.5/FY00/b, "Can Loading Robot and Can Swiping Robot Demonstration Complete." This letter will serve as verification that this milestone is complete.

CC: Bill Randall, 703-45A
Jim Steed, 703-45A
Larry Milton, 703-45A
Clyde Ward, 773-A
Jim Wong, 773-A

PIP Approval Sheet

Principal Investigator:

Signature: E. M. Kriikku 10/24/00
Name: E. M. Kriikku Date

Approved: SRTC Level 3 Manager

Signature: S. L. Tibrea 10/24/00
Name: S. L. Tibrea Date

Approved: Task Leader

Signature: E. M. Kriikku 10/24/00
Name: E. M. Kriikku Date

Approved: Team Leader

Signature: C. R. Ward 10/24/00
Name: C. R. Ward Date

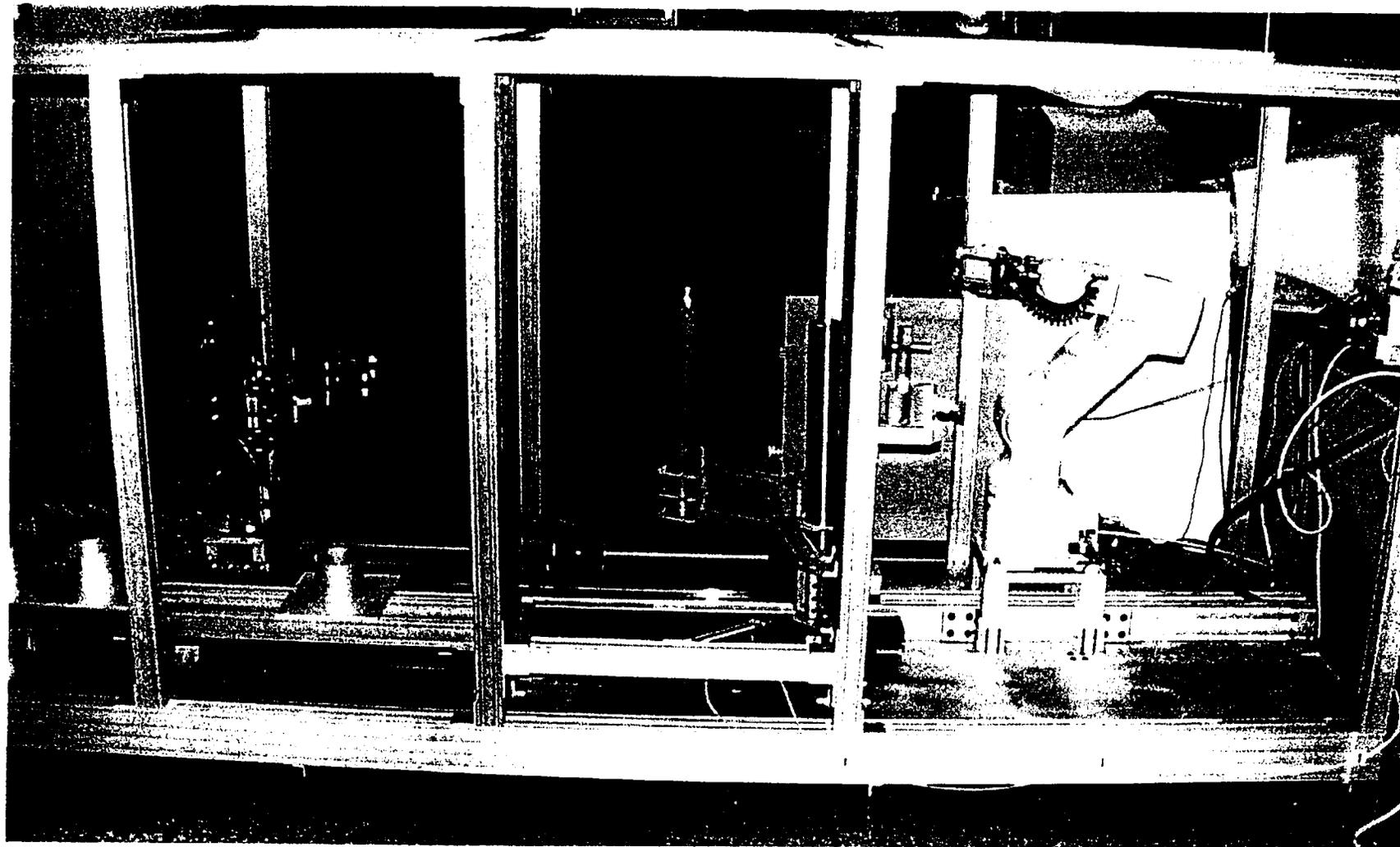
Approved: Activity Leader

Signature: _____
Name: E. P. Maddux Date

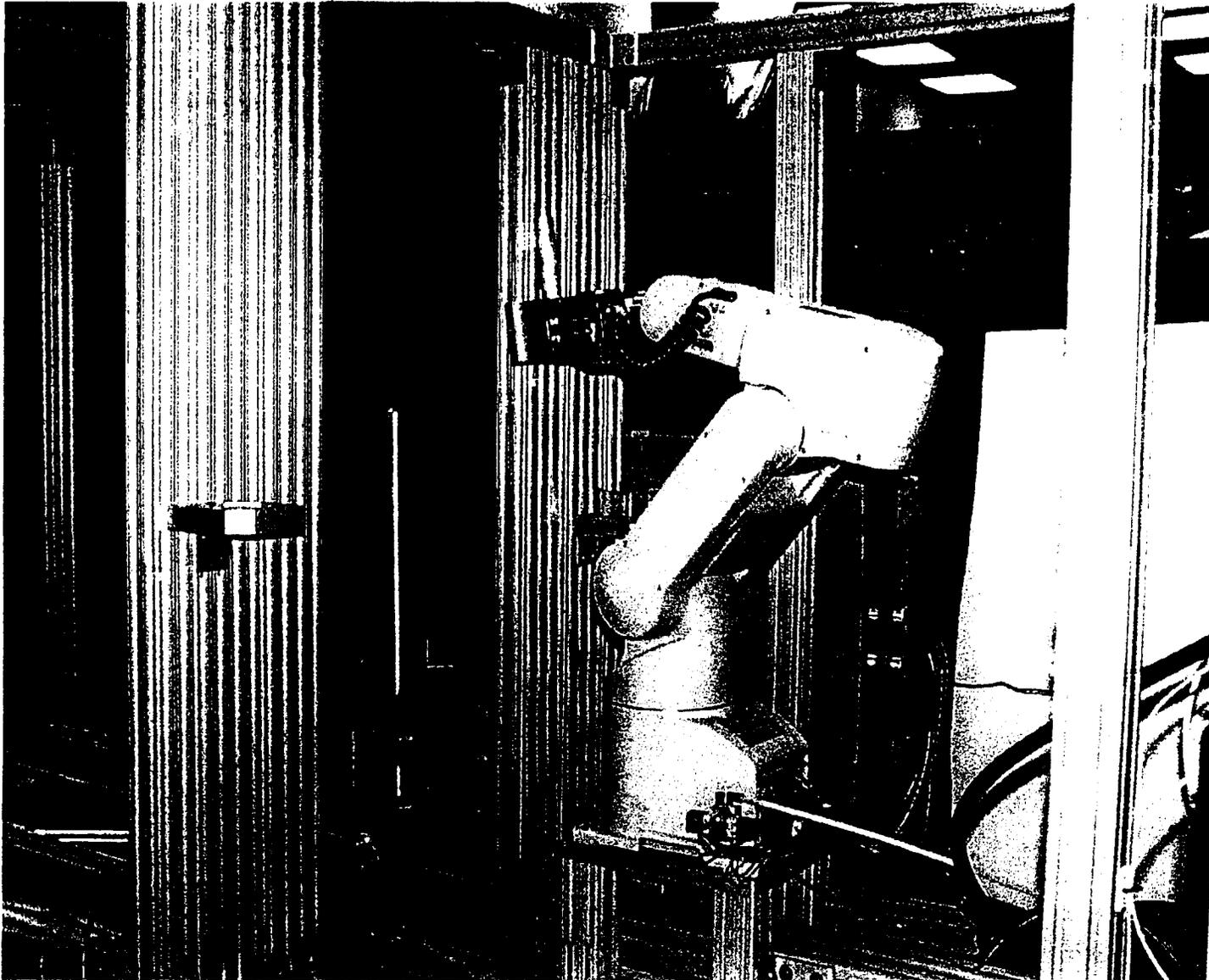
Approved: Project Manager

Signature: T. H. Gould 10/27/00
Name: T. H. Gould Date

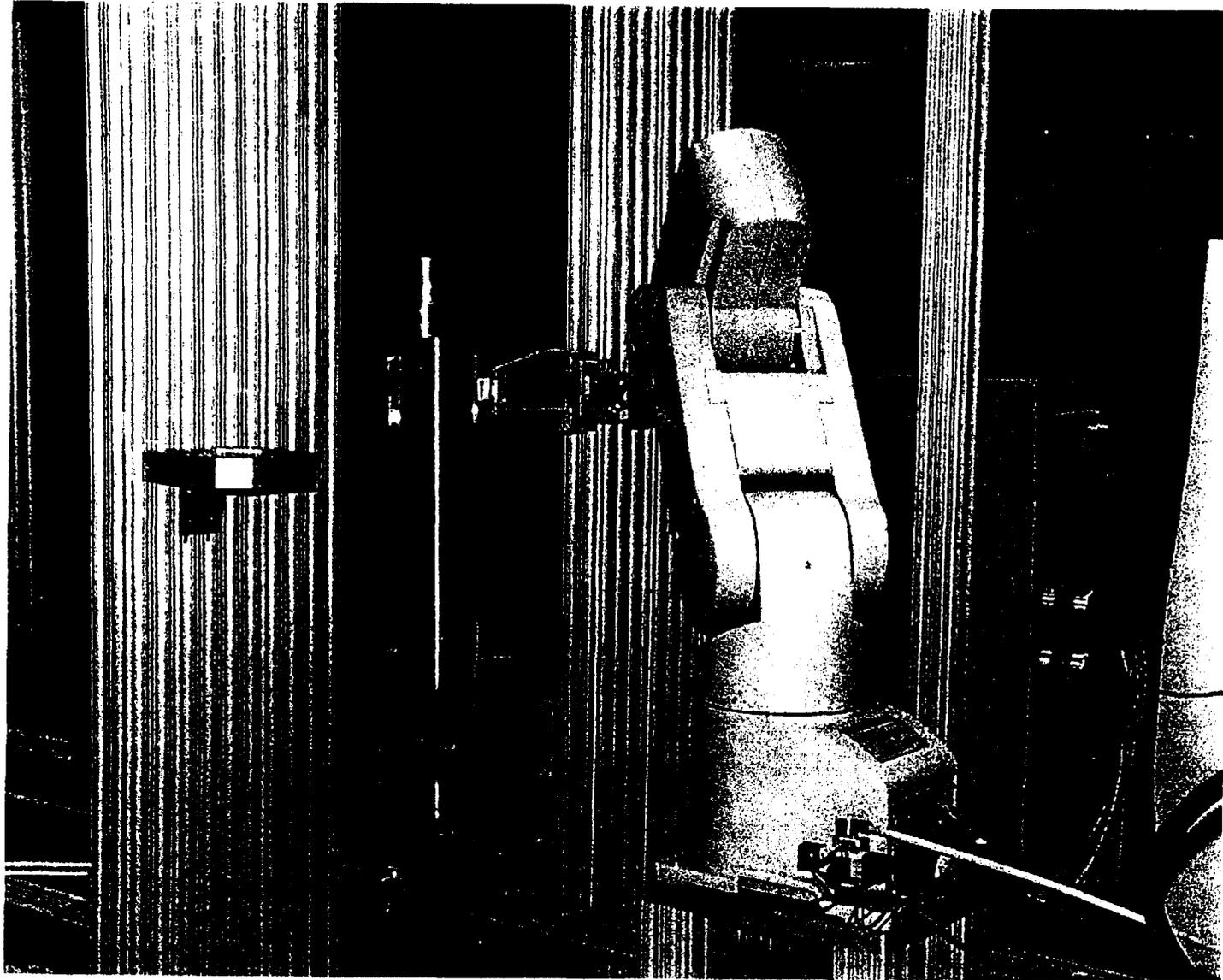
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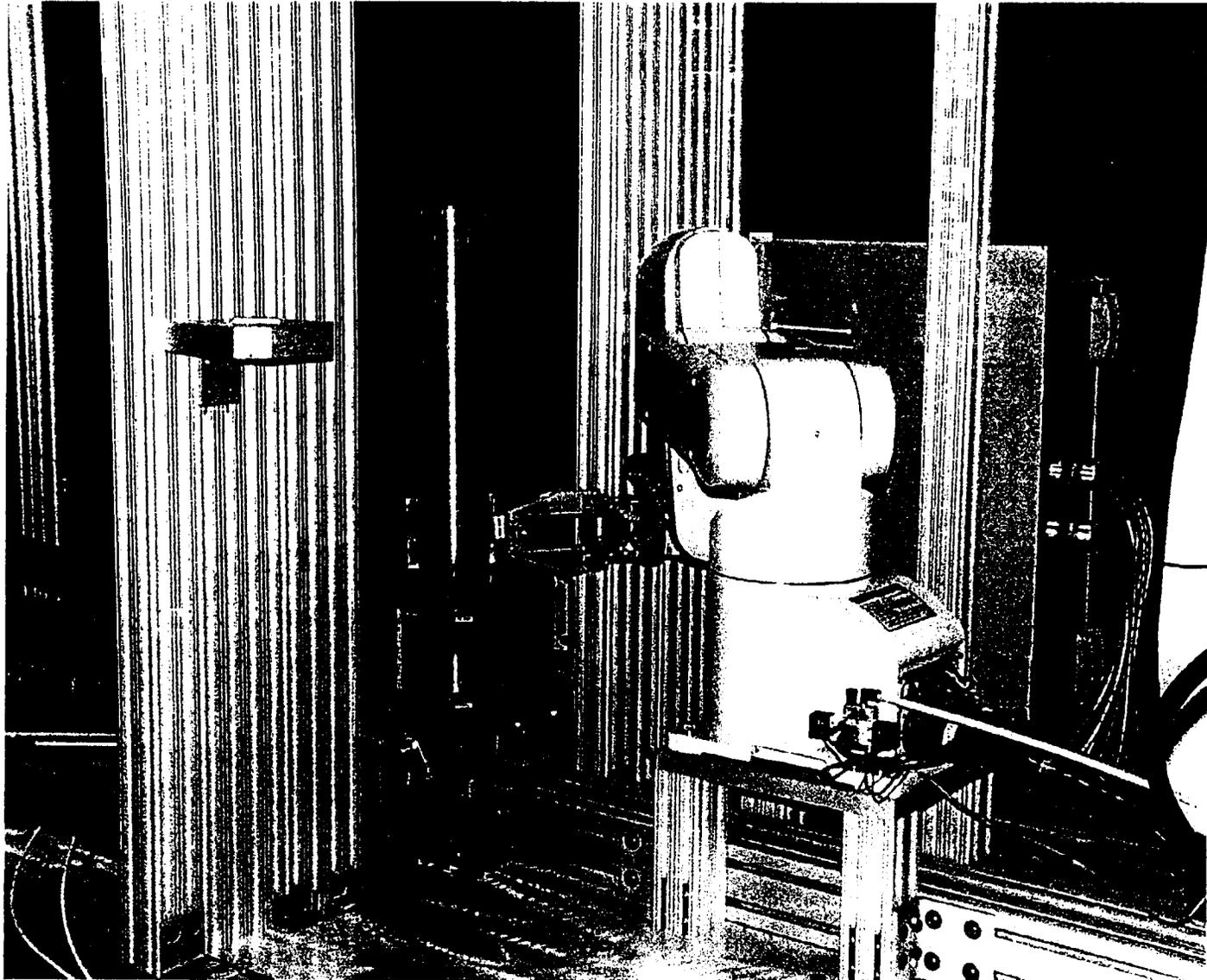
Can Loading - Can Inspection System



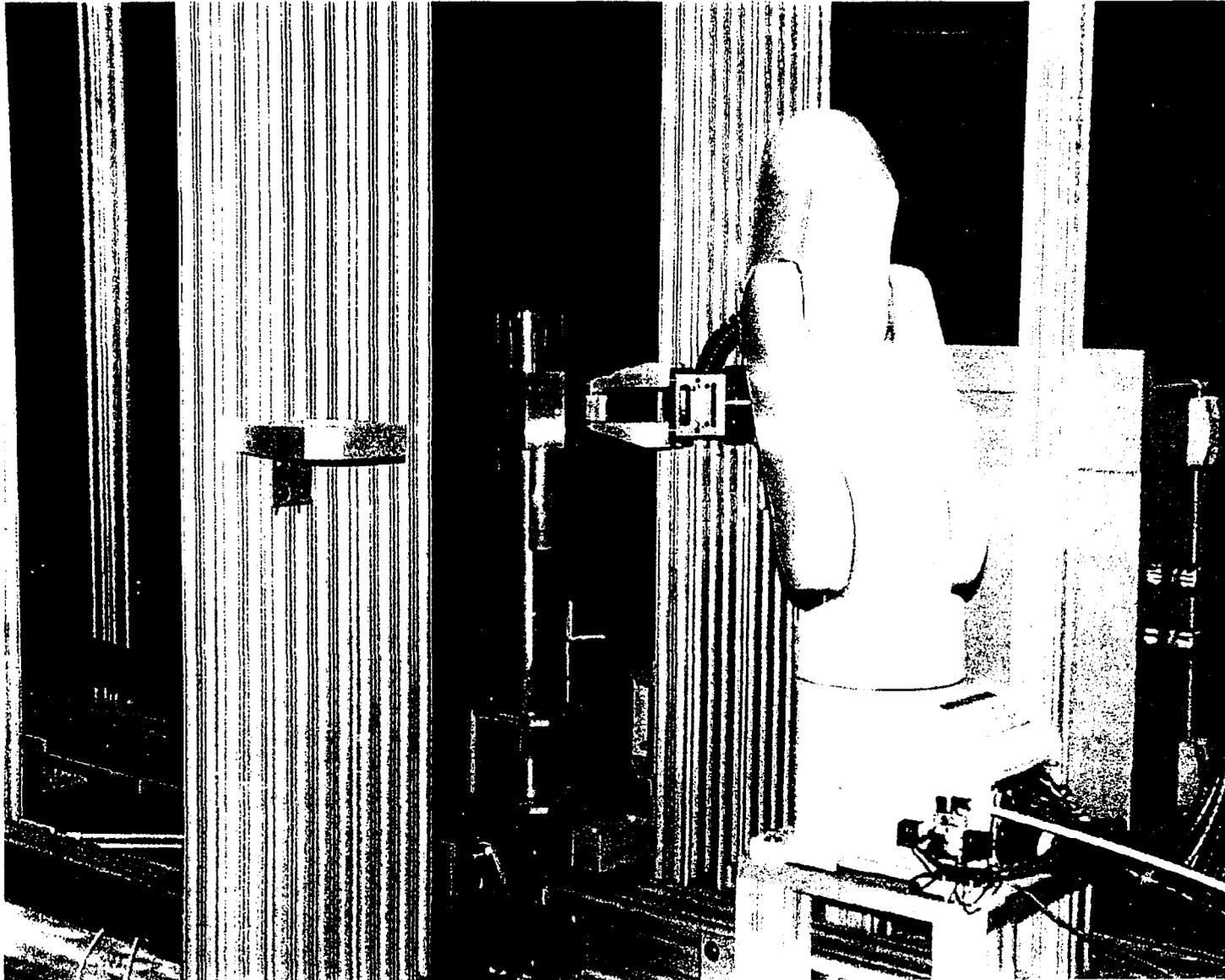
Can Inspection Robot Brings Survey Tool to Puck Can



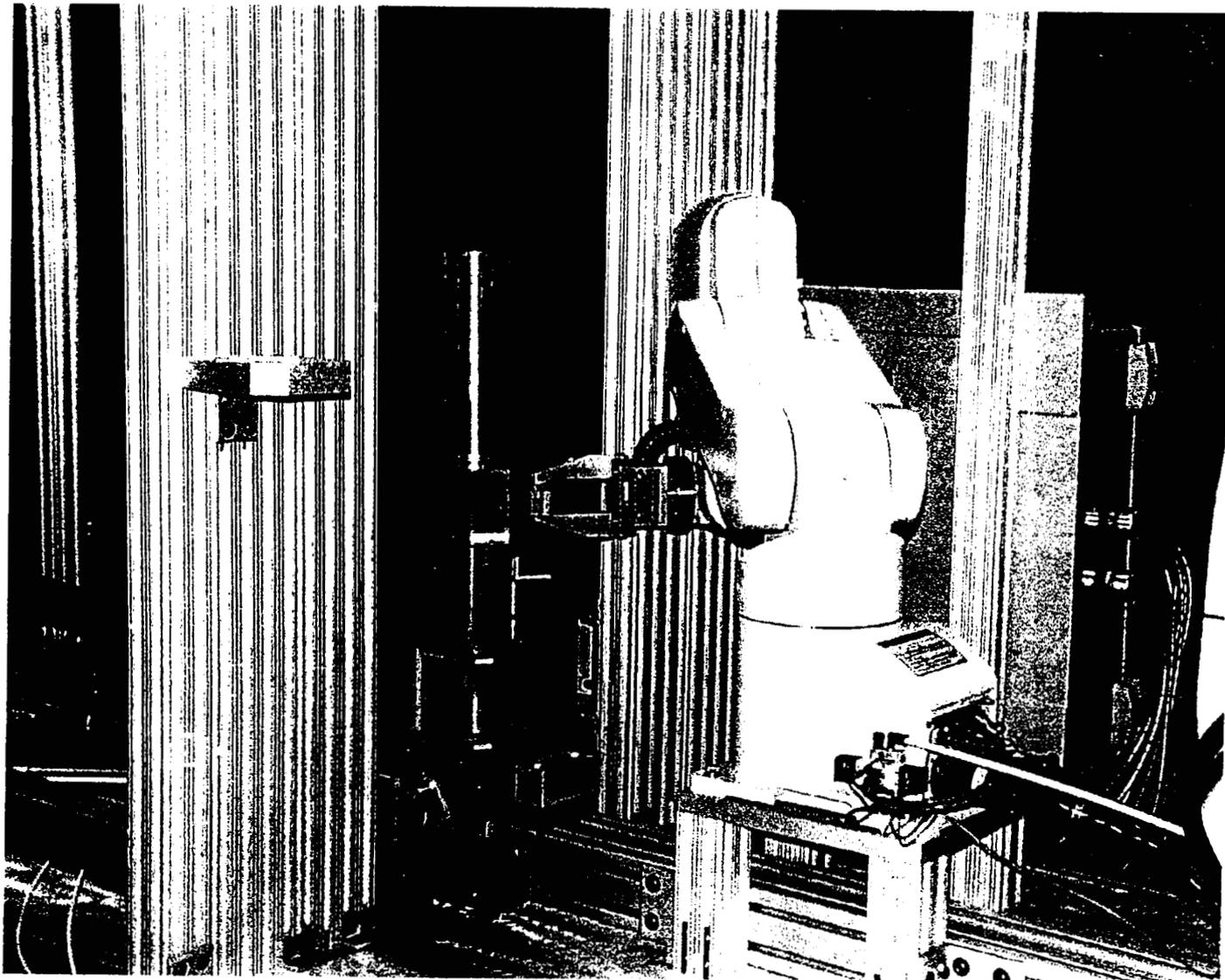
Can Inspection Robot Surveys Puck Can



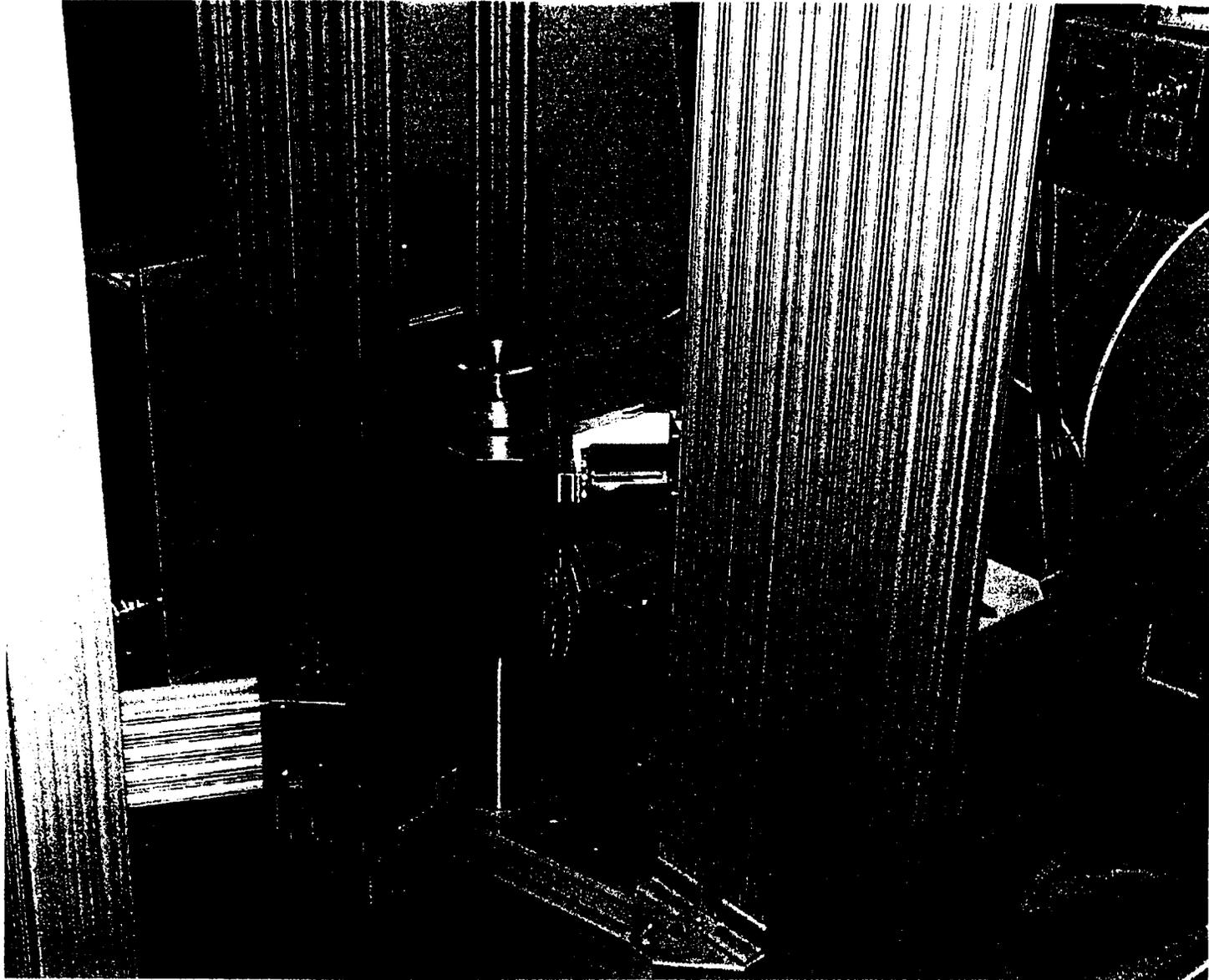
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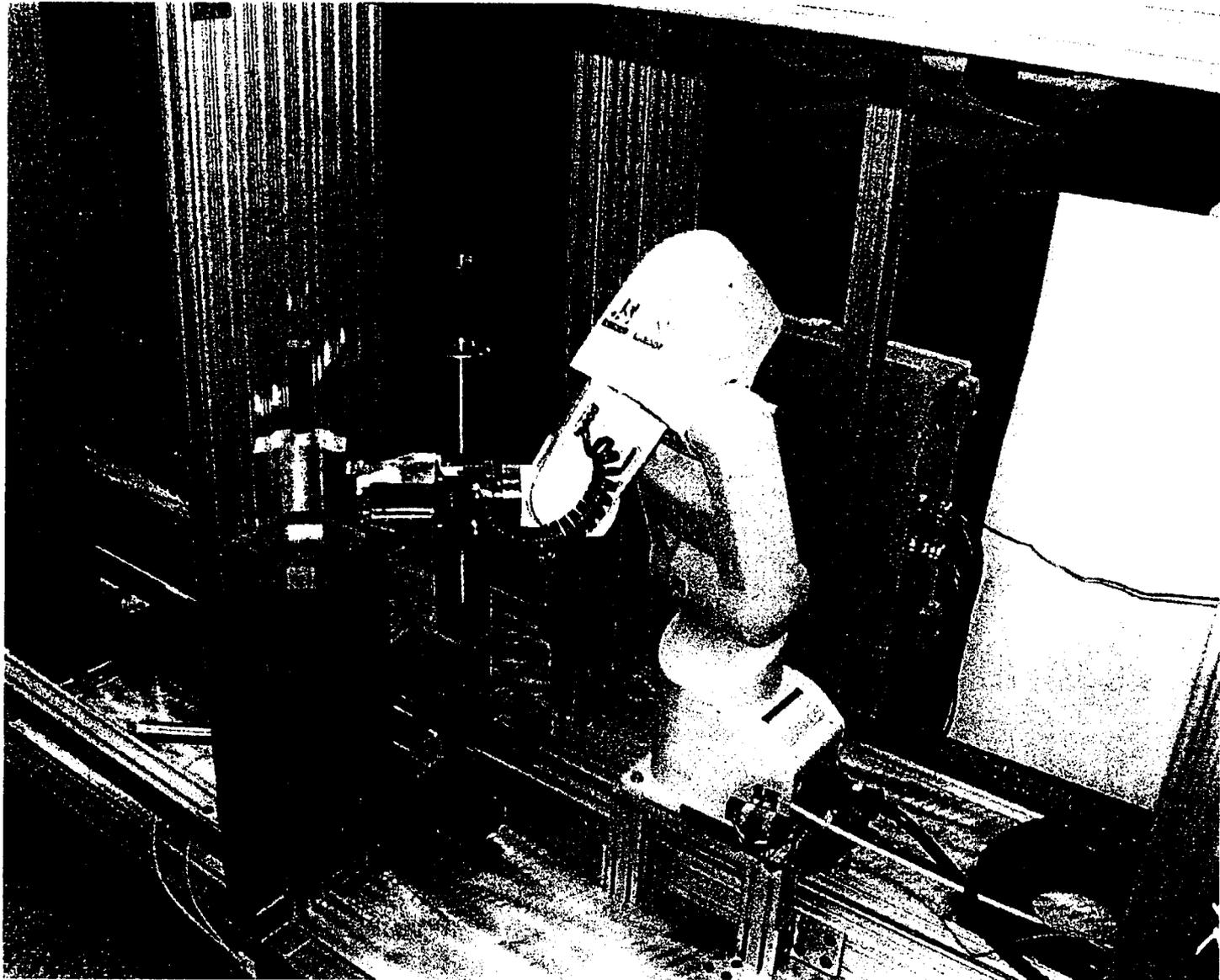
Can Inspection Robot Surveys Puck Can



Can Inspection Robot Surveys Puck Can



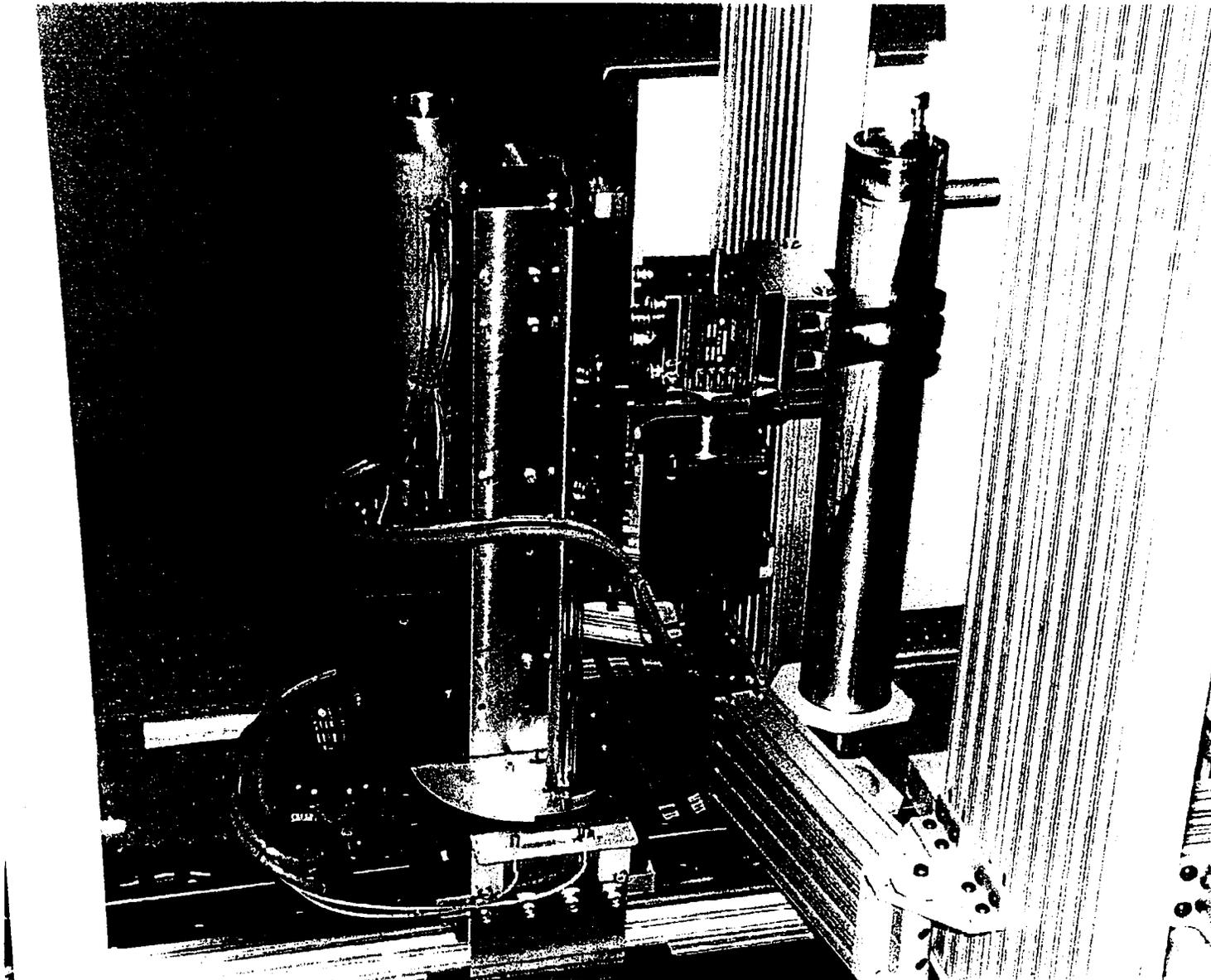
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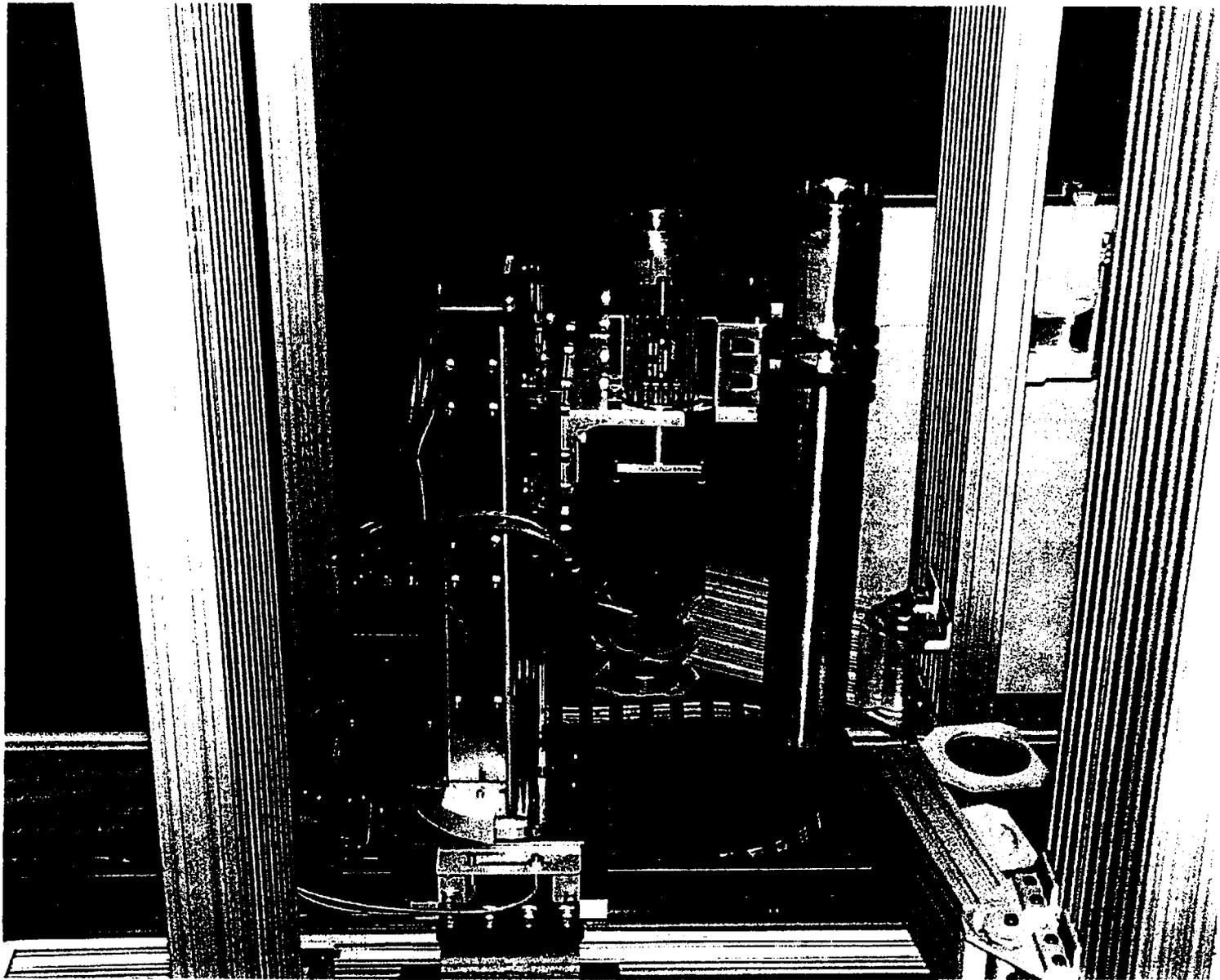
Can Inspection Robot Returns Survey Tool



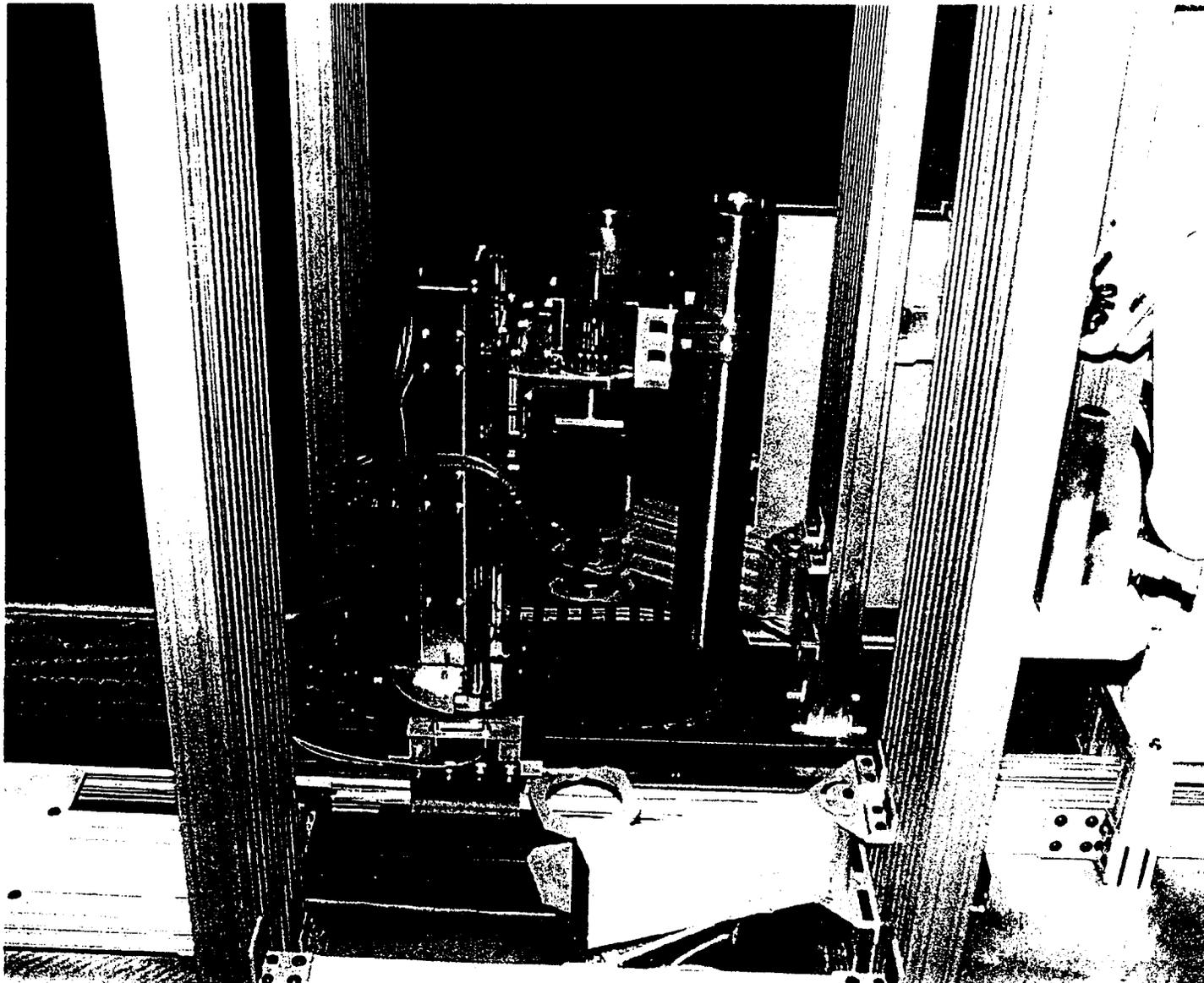
Can Robot Approaches Puck Can



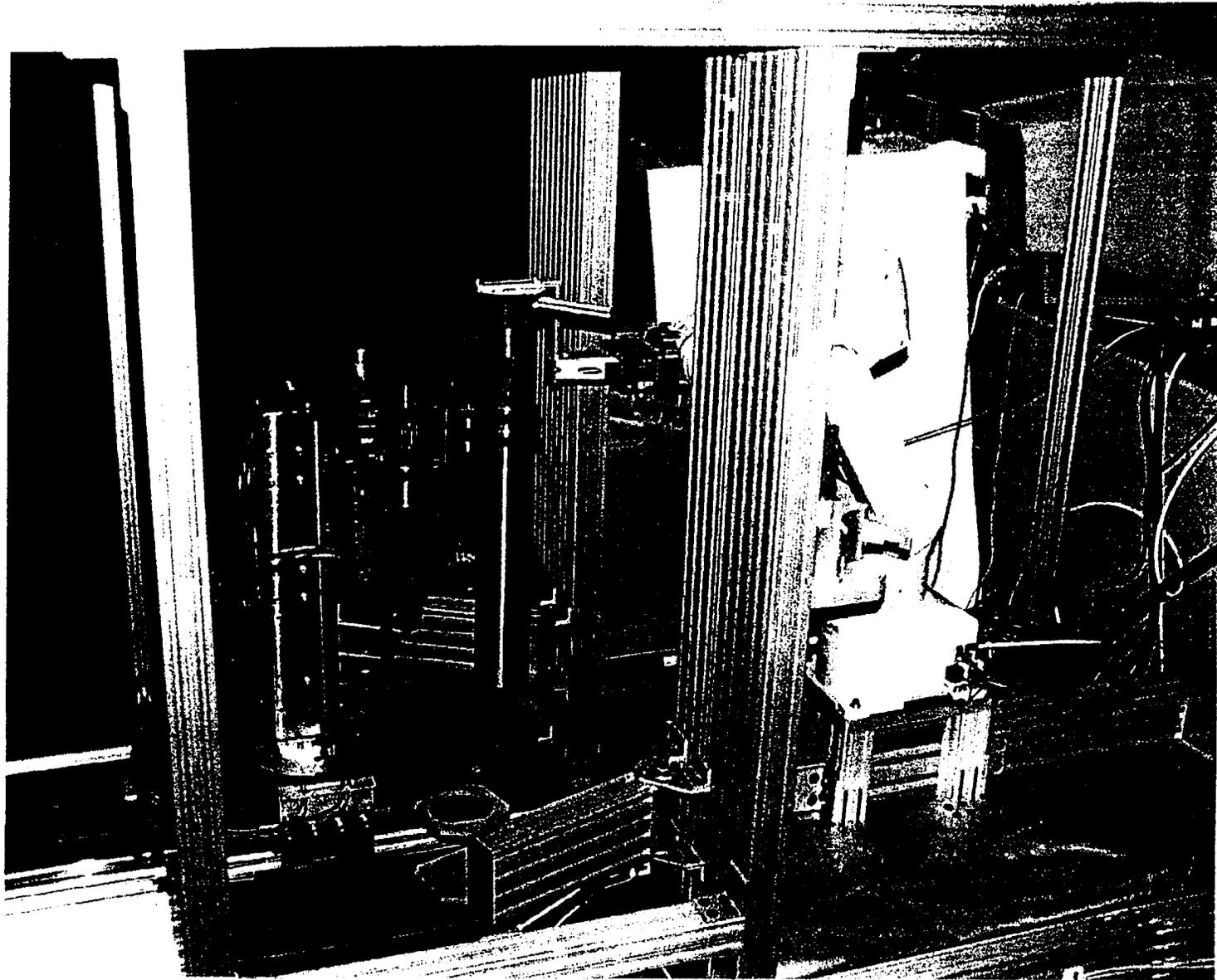
Can Robot Lifts Puck Can from Bagless Transfer Can Holder



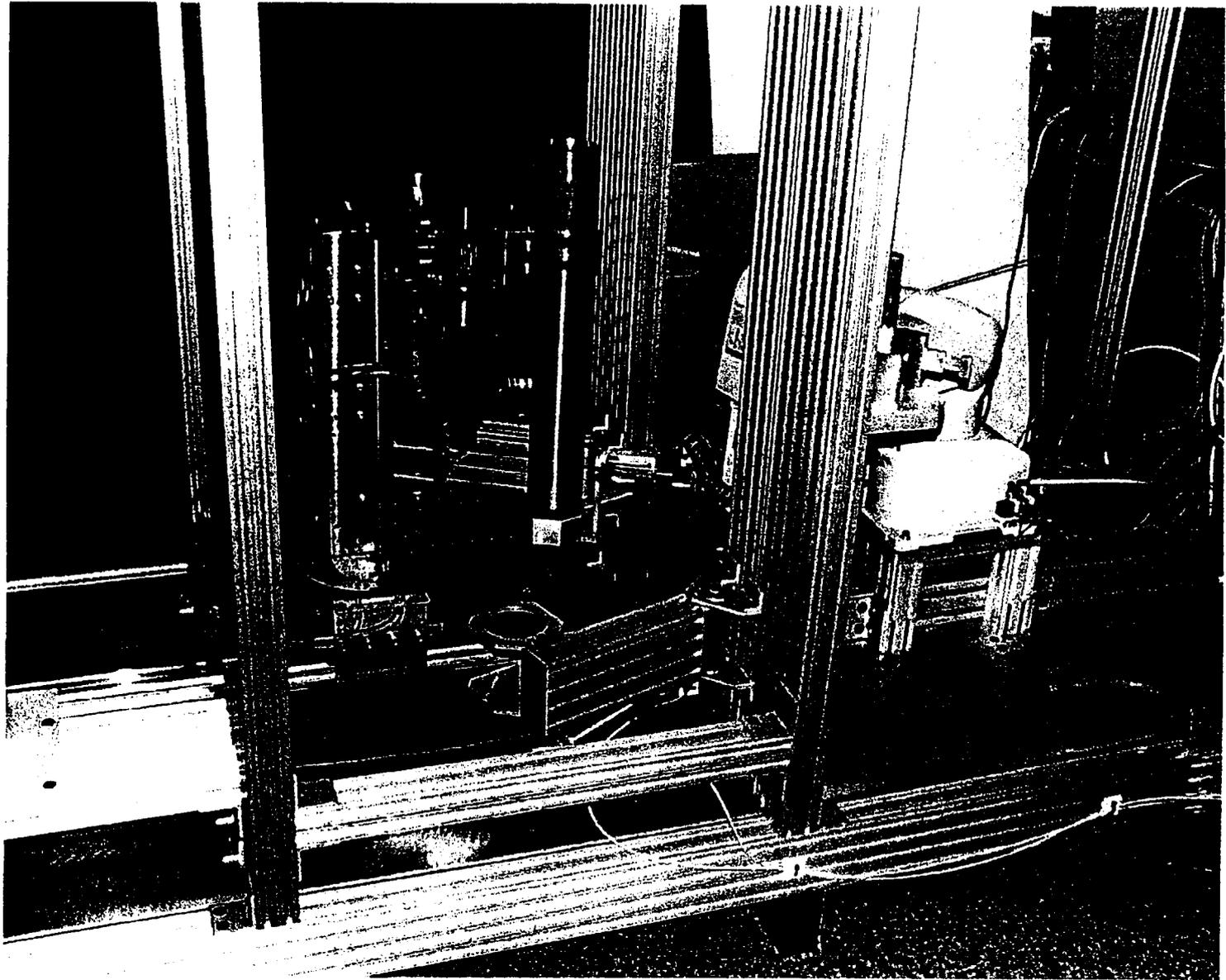
Can Robot Removes Puck Can from Bagless Transfer Can Holder



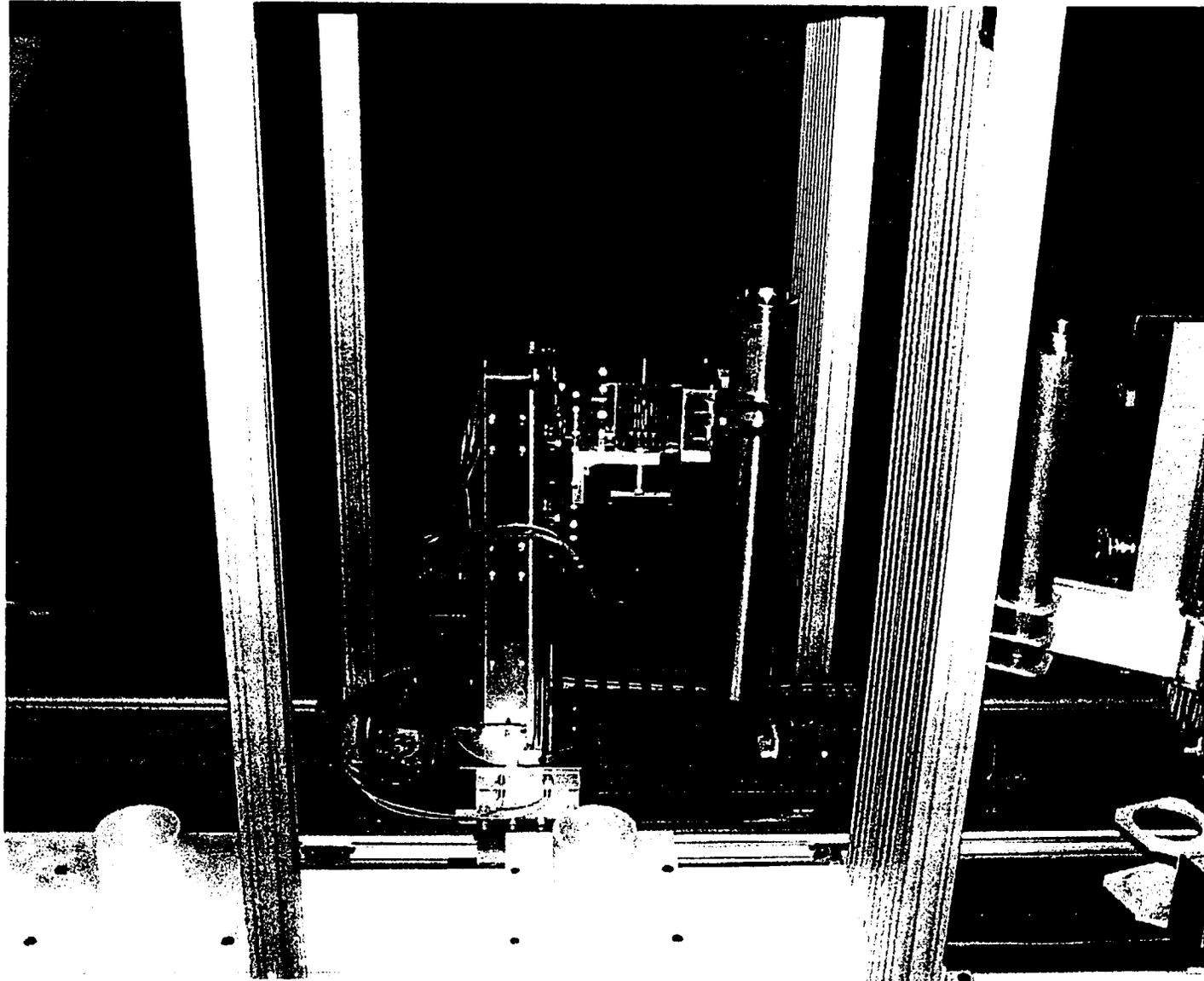
Bagless Transfer Can Holder Retracts



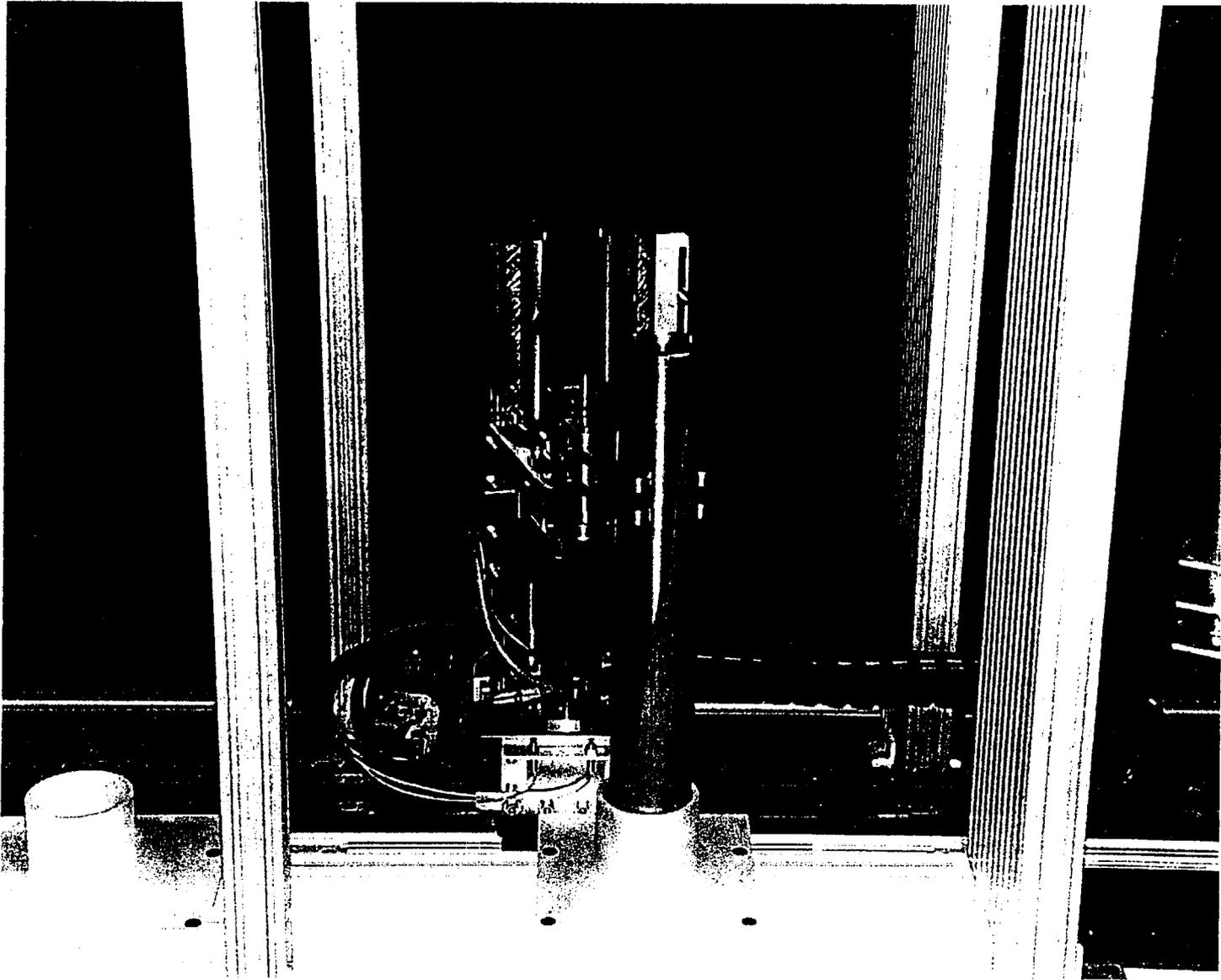
Can Inspection Robot Surveys Puck Can Top



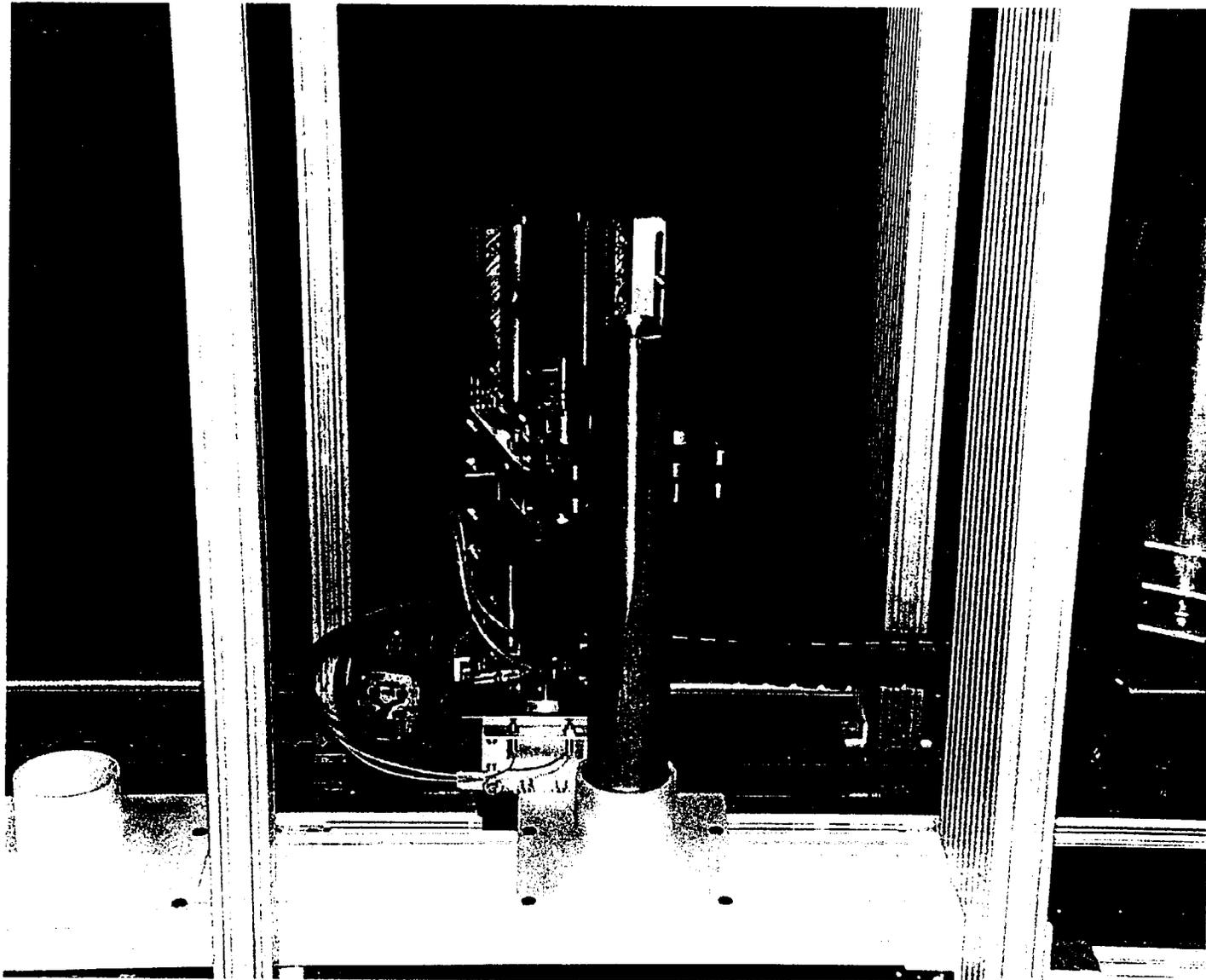
Can Inspection Robot Surveys Puck Can Bottom



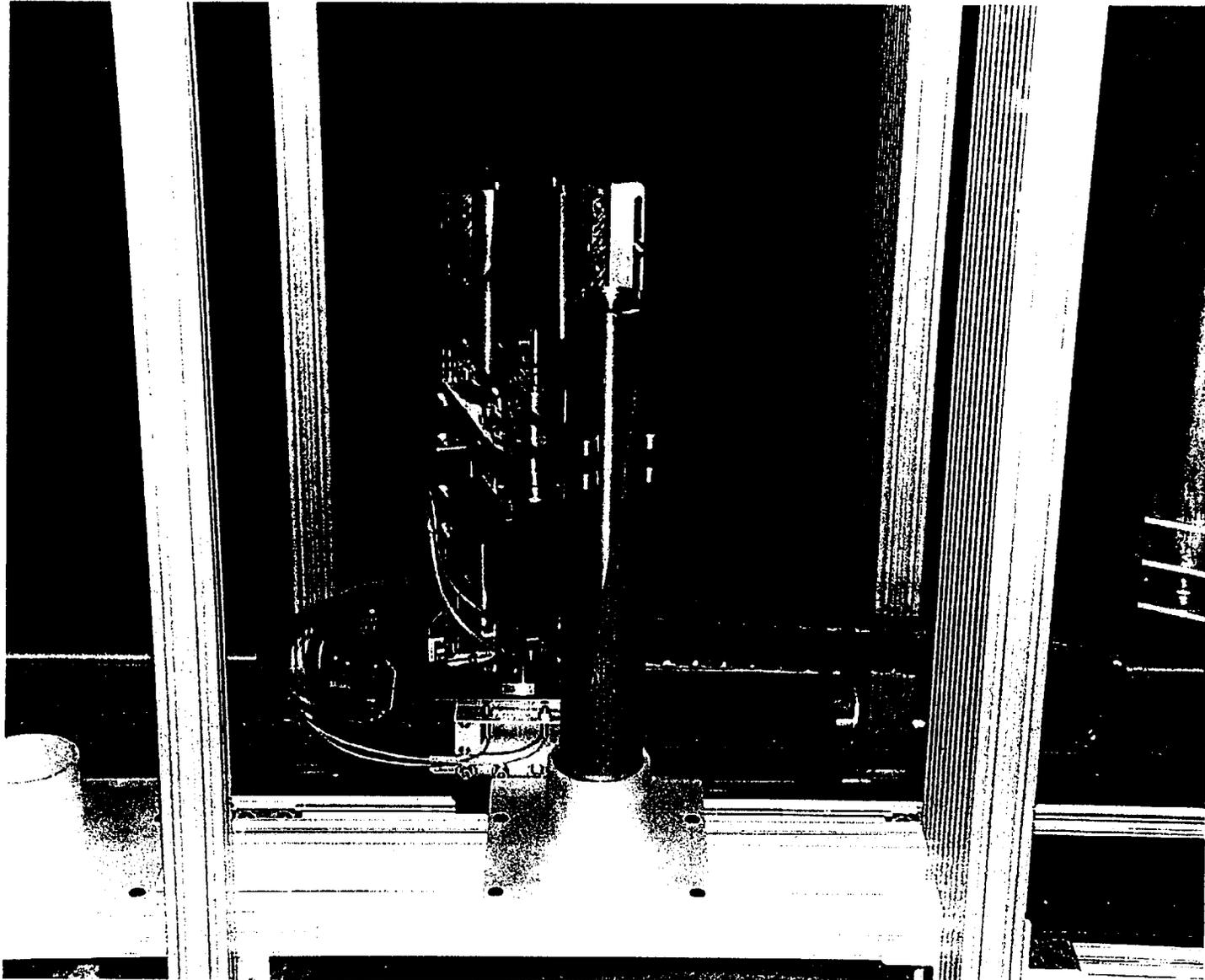
Can Robot Moves Puck Can to Leak Detector



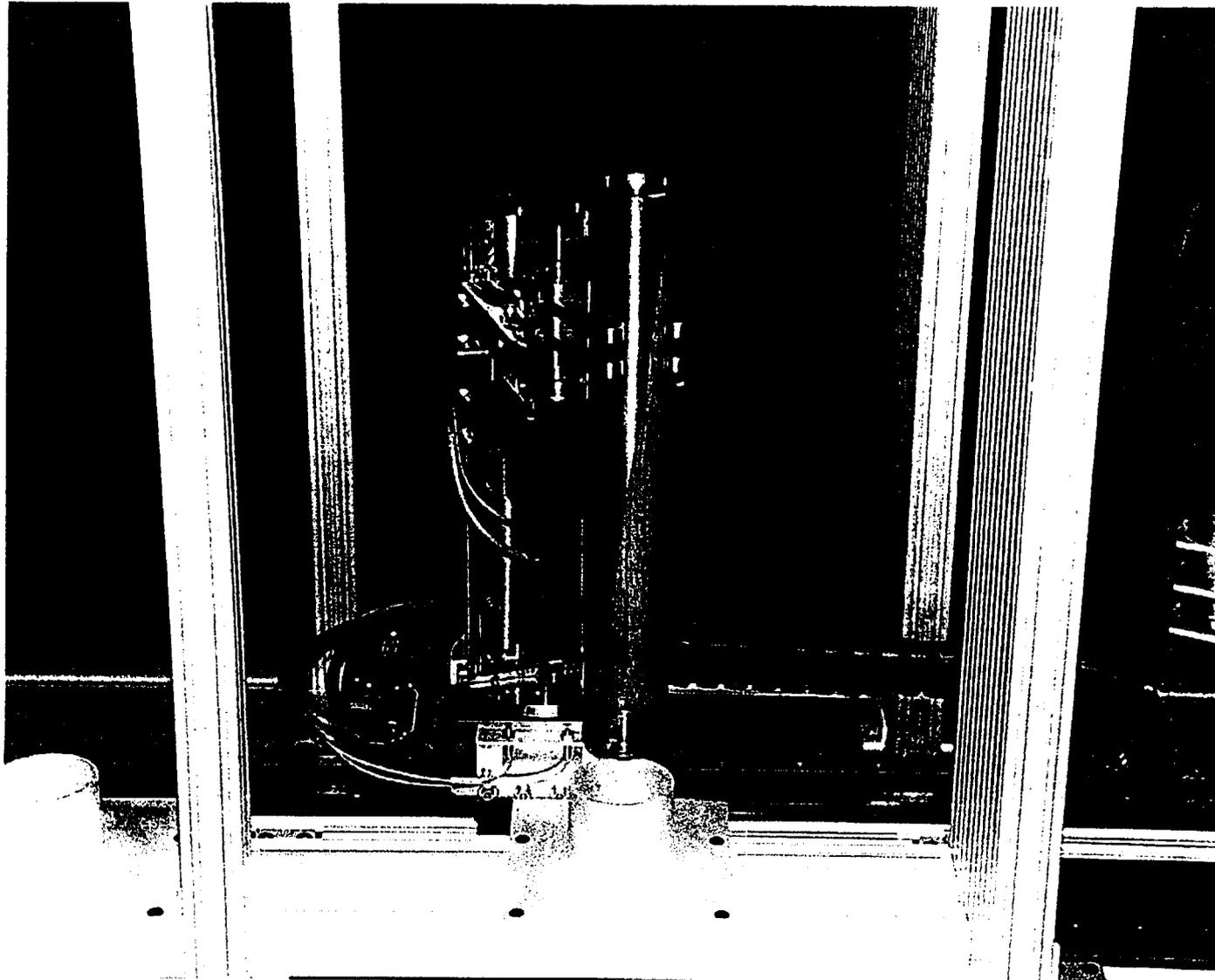
Can Robot Moves Puck Can into Leak Detector



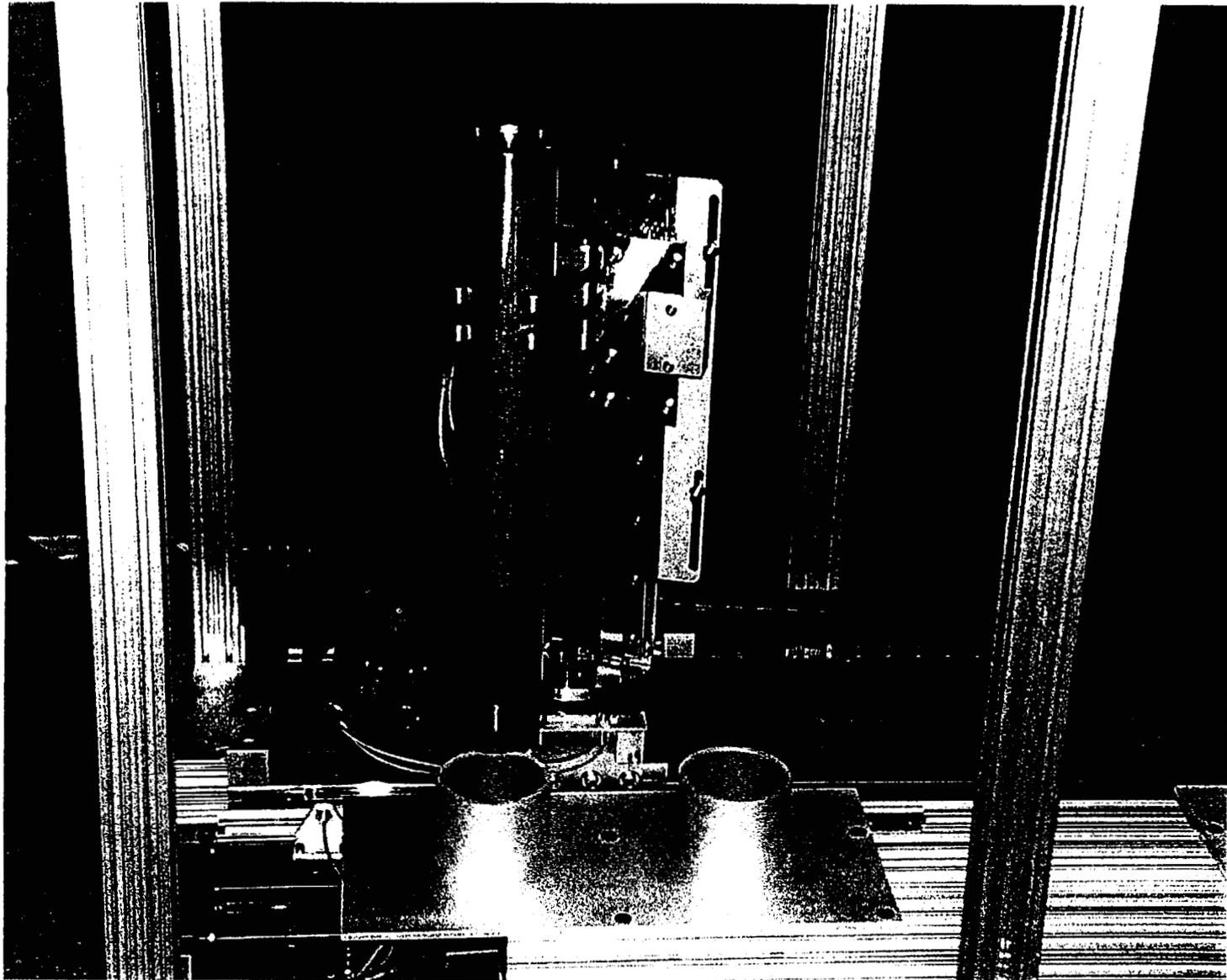
Can Robot Leaves Puck Can in Leak Detector



Can Robot Grabs Puck Can



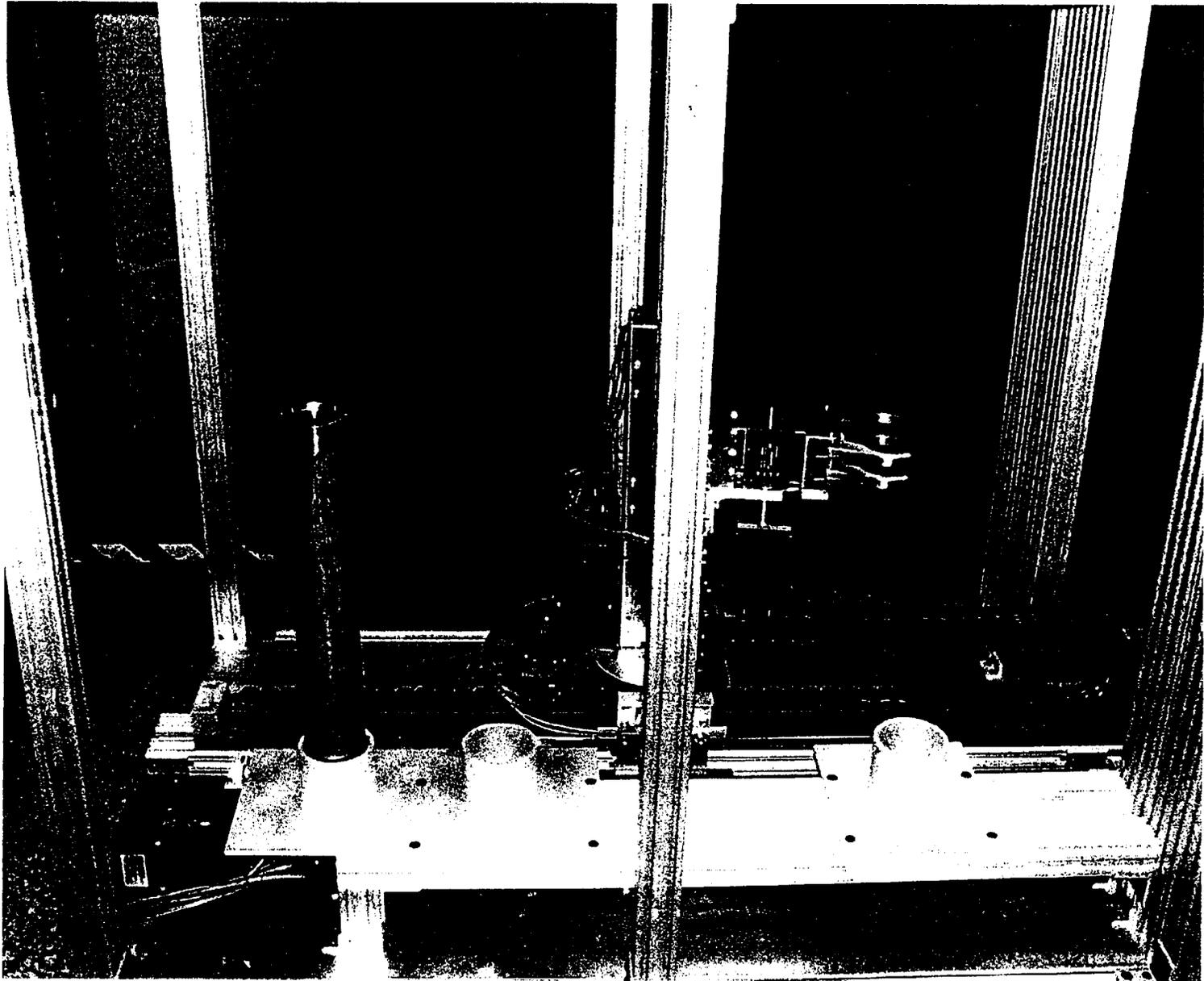
Can Robot Removes Puck Can From Leak Detector



Can Robot Moves Puck Can To Transfer Cart



Can Robot Releases Puck Can



Demonstration Complete