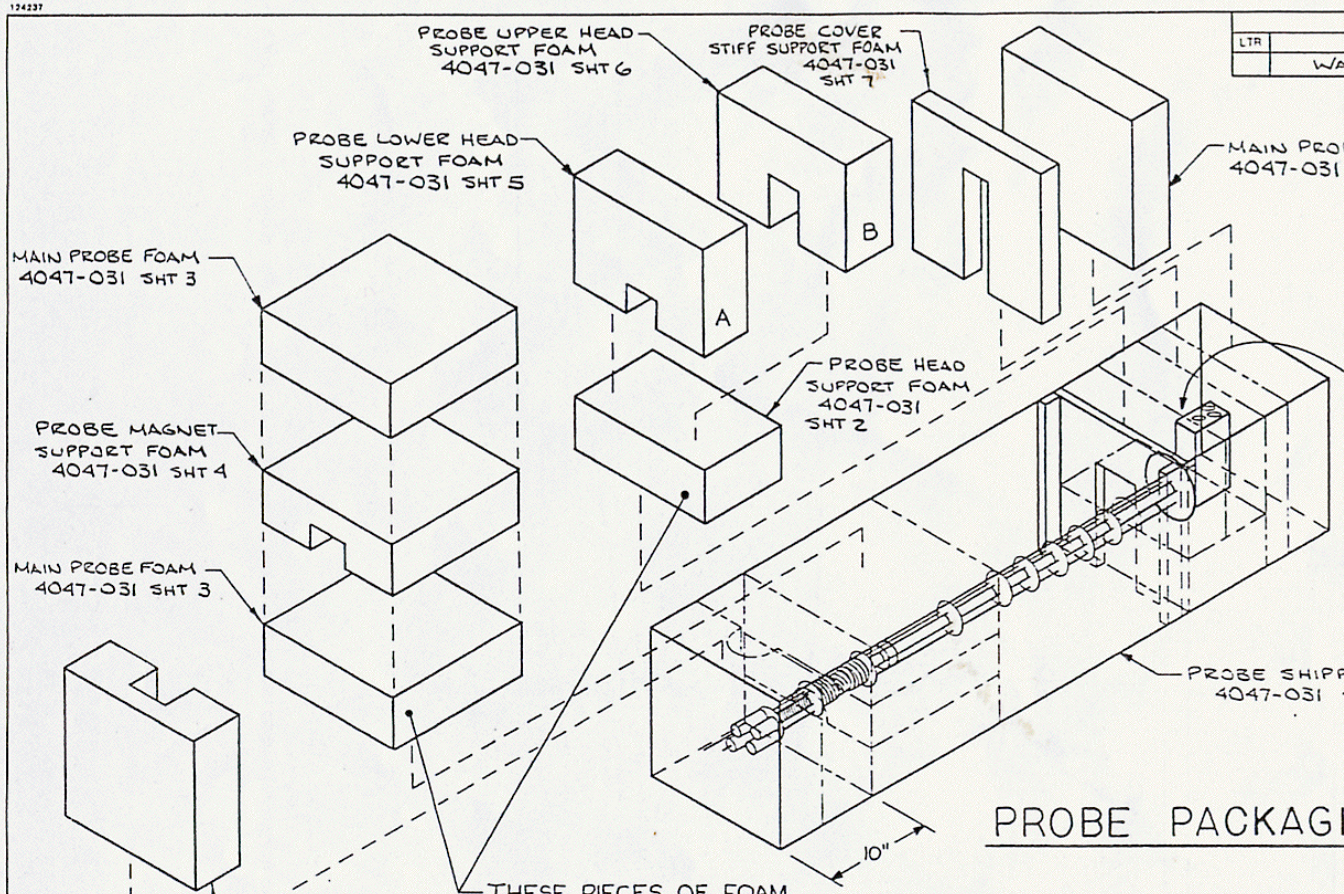
Packing the Probe

1. Install a full piece of gray foam vertically against the end of the box which will hold the probe head.
2. Install a half piece of gray foam horizontally on the bottom, approximately 2" from the full piece
3. Install a full piece of gray foam horizontally, approximately 10 inches from the end of the box where the magnet will go.
4. Cover the o-ring surface on the top of the probe
5. Check to make sure the airlock valve is in the closed position.
6. Check to make sure that the relief valve is installed.
7. Place a plastic bag over the head of the probe. Lift the probe by the head and the magnet. Place the probe into the box with the front of the head facing up on the half gray foam. The magnet should rest on the whole piece of gray foam.
8. Install the slotted black foam piece over the probe head.
9. Place the bag over the magnet.
10. Install the gray tunnel block foam over the magnet, with another full piece on top.
11. Slide the gray piece of foam with the block cutout down the end of the probe while making sure not to bend any part of the probe.
12. Install the ¾ piece of gray foam, with the square cutout, over the probe head and against the black foam piece. Install the other ¾ piece of gray foam next to it.
13. Install the wood brace between the wooden side rails and the foam. It will be a tight fit, but it will go in and compress the foam around the head.

124237

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVE
	WAS 4014-350		



NOTE:

DEWAR TOP PLATE IS POSITIONED ON THIS SIDE OF PARTITION & SANDWICHED BETWEEN FOAM PIECES A & B.

AUG 21 1992

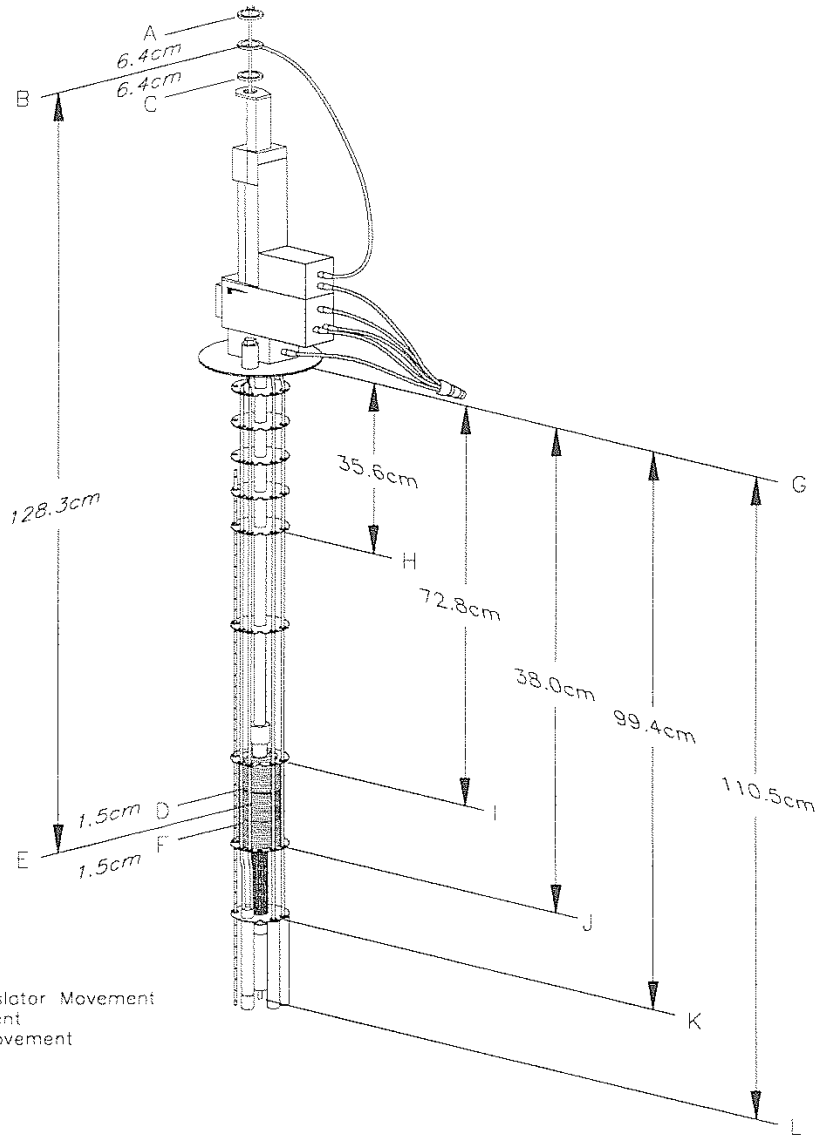
PROBE PACKAGING DETAIL

DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS ± DECIMALS .xx ± .xxx ± ANGLES ±	APPROVALS	DATE
MATERIAL	DRAWN	
	CHECKED	
FINISH		
DO NOT SCALE DRAWING	NEXT ASSY	USED ON

MPMS SHIPPING COMPONENTS

QUANTUM DESIGN
SAN DIEGO, CA

SIZE	DRAWING NO.	
B	4047-101	
SCALE 1:10	REV. A2	SHEET 3 OF 3



A . Upper Limit of Vertical Translator Movement
B . Center of Translator Movement
C . Lower Limit of Translator Movement
D . Top of Sensing Coils
E . Center of Sensing Coils
F . Bottom of Sensing Coils
G . Bottom of Dewar Top Plate
H . Top of Dewar Belly
I . Top of Superconducting Solenoid
J . Bottom of superconducting Solenoid
K . Top of SQUID Housing
L . Lowest Point of the Plate

FILE: D014002A