

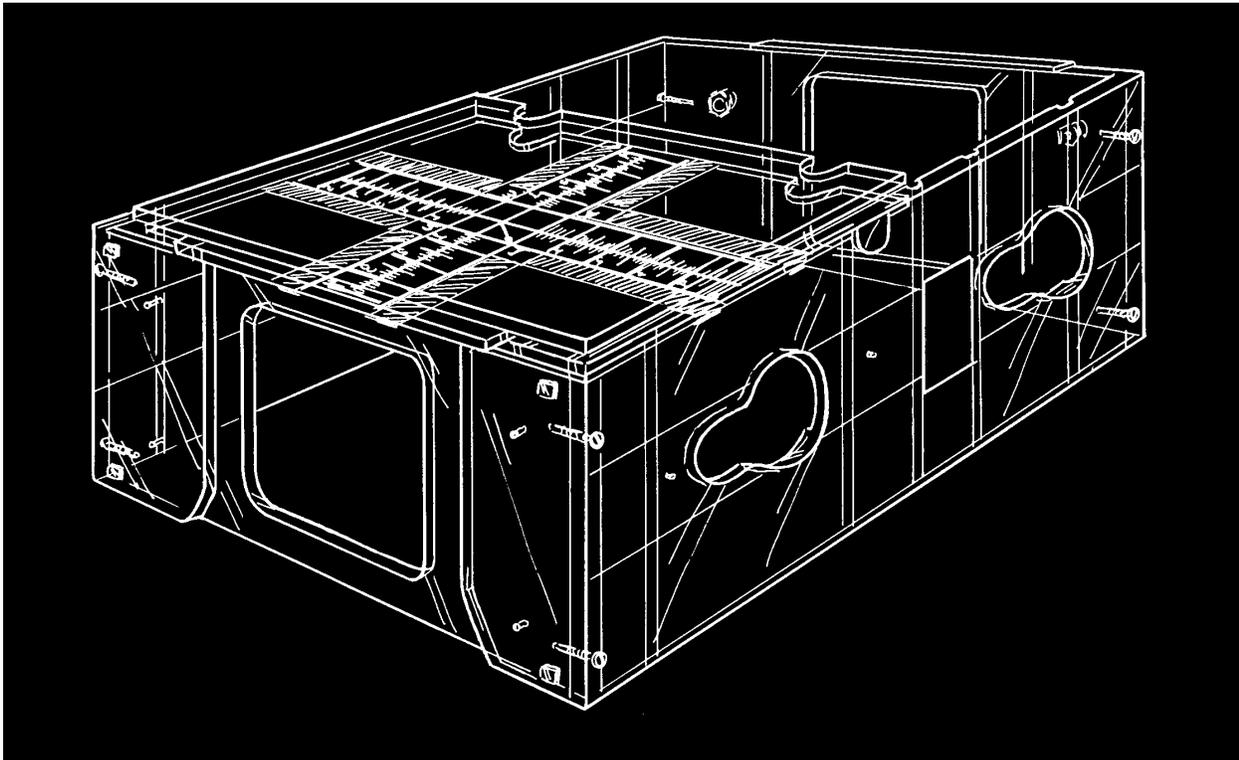
Q.A. Collectible

*Sponsored by CRCPD's Committee on Quality Assurance
in Diagnostic X-Ray*

Test Stand Modifications

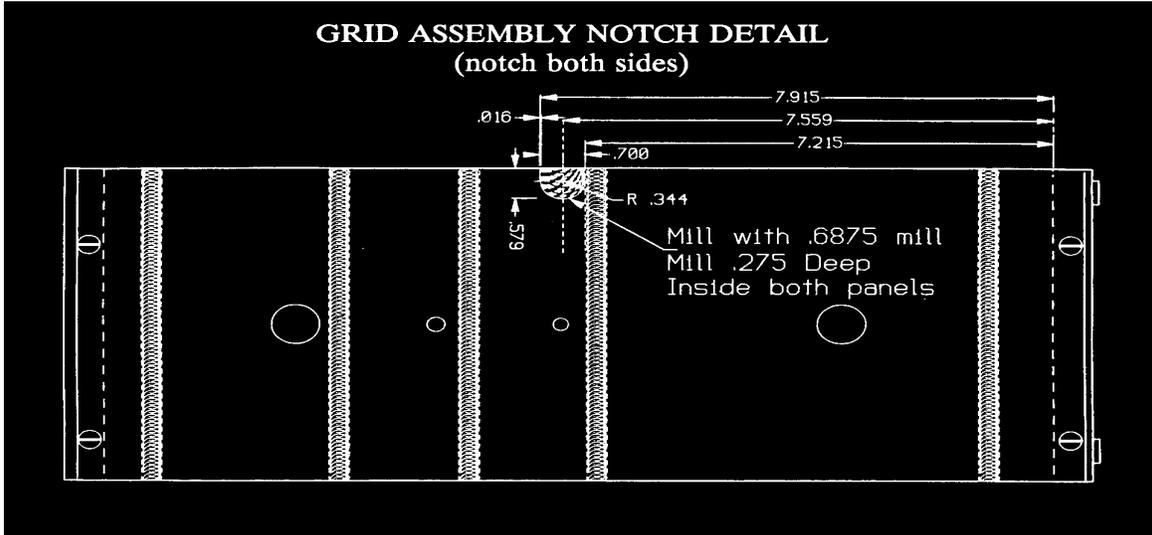
The FDA compliance test stand has been in use for over 20 years and is utilized by most states for performing a variety of x-ray inspections. As such, two modifications, which are illustrated below, may be of interest.

Additional cut-outs (key holes) in the side of the test stand will allow for easier insertion and attachment of the MDH probe. The plastic retainer ring can merely be loosened rather than removed. The stand can also be notched to allow for its use, and that of the grid assembly, in a horizontal orientation. This is especially desirable for inspections of under-table fluoroscopic x-ray systems, since the compliance test stand can now easily fit under the imaging tower and decrease the potential for mishaps due to movement of the compression device.



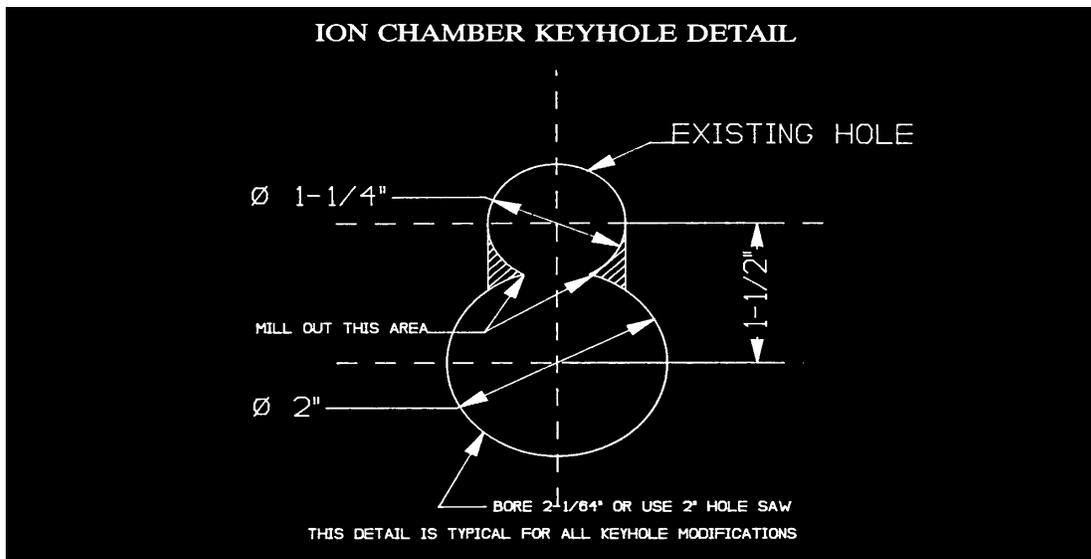
Diagrams illustrating measurements of these modifications are on the reverse side. All units are in inches unless otherwise specified.

GRID ASSEMBLY NOTCH DETAIL
(notch both sides)



The grid assembly notch detail shows the approximate location of the notches. For best results, lay the grid assembly on the test stand and mark the location of the notches prior to cutting the plastic. Cut the plastic inside the marked lines. The 0.016" dimension on the notches should be cut into the plastic after the notch is cut. This additional cut allows a smooth transition when the grid assembly is placed on, or removed from, the plastic box, yet maintains a tight fit. All dimensions are approximate on the drawing above and all modifications should be made to fit the individual grid assemblies. The dimensions shown will be close enough to allow a starting point.

ION CHAMBER KEYHOLE DETAIL



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