Russian ЛН-12 tube. It is a storage CRT used in moving target indicators (MTI) associated with radar receivers.

The CRT works by recording a radar trace as a spiral trace on its target. When a second trace is stored, depending on whether a point was already stored or not a signal will be produced. This signal can be used to determine whether a point has moved.

It measures 340mm long x 110mm at the widest point and has a 7-pin base and three external connectors, one on the bell and two on the 'top'.

See the pictures further down.

Other markings on the tube include a tag inside on the 'front' marked I308, OTK3 on the glass, and

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The middle connector connects to the disk (where the screen should be!) and the outer connector connects to a metal ring.

This view of the connectors shows the actual internal connections.

This cone is behind the disk and connects to a connector on the side of the tube. There are no other connections to the cone.

At the other end is a normal looking electron gun. The tube deflection is electromagnetic.

Information provided by Damien Derbès

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