

INSPECTOR MODEL 200 TROUBLE SHOOTING

SYMPTOM	TEST	ACTION
No "Power ON" light when AC connected	Check AC voltage 8 amp ABC (right) Check AC fuse Check GMW 1/4 fuse	Replace fuse Replace fuse
No "Power ON" light in battery mode	Check battery voltage Check DC fuse 15 amp ABC (left)	Charge/replace battery Replace fuse
X-ray "ON" lamp not lit, but operating correctly	Check bulb	Replace bulb
X-ray "ON" lamp lights, but X-ray does not fire	Check GMW 1/4 fuse	Replace fuse
No X-ray output, but otherwise operating correctly	Visually inspect tube	Replace tube
Black picture, but X-ray operating correctly	Check if paper envelope removed In dark place, fire X-ray at opened cassette. Greenish light should show on cassette screen.	Remove envelope from film negative Replace tube if no green light
No operation in AC or DC mode	Check all three fuses	Replace fuses Replace key switch
Continuous counting	Check key switch	Replace counter board or return unit
Oil leaking from unit		Return unit for repair
Battery not taking charge	Check battery Read voltage on charging terminals	Replace battery If OK, replace battery. If no voltage, replace fuses
Fuses keep blowing	Read voltage on charging terminals	Return for repair

Never operate THE INSPECTOR X-Ray Source without either an X-ray tube or a shorting strip in the tube cavity. For testing purposes, it is preferable to use a shorting strip to prevent unnecessary radiation emission. The shorting strip is a 1/2" wide x 6" long piece of copper connected from tube spring connector to nose cone.

Before testing and repairing the X-ray unit, install a well-charged battery in the unit.

The X-ray unit produces very high voltage (150,000 volts DC). The user may remove the handle may for work on the counter board without exposure to the high voltage. However, only qualified technicians should remove the top case.

PARTS REPLACEMENT

We will continue to sell parts for the THE INSPECTOR X-Ray Source for as long as they are available. Unfortunately, some electronic components are already in very short supply and at least one primary assembly is no longer available. Following is a list of the major components and estimated supply as of June 12, 2001.

Transformer	Approximately one years supply
Head-Generator	New heads no longer available
Ring	Approximately two to three years supply
Backplate	Approximately two years supply
Diaphram	Approximately one years supply
Relay Board	Approximately two years supply
Inverter Board	Approximately two years supply
Counter Board	Approximately two years supply
Handle	Approximately one years supply
Case, Upper	No new cases available
Case, Lower	Approximately one to two years supply
Case Front Plate	No new cases available
Collimator	Approximately one years supply
Remote Cable	Approximately two to three years supply
Power Cable	Approximately two years supply
Battery	No phase out date established
Tube	No phase out date established
Blue Block	No new blue blocks available