

Re: HP 5501A laser head repair

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2006-08/msg01342.html>

- *From:* Sam Goldwasser <sam@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* 16 Aug 2006 11:45:12 -0400
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"mtsnist" <stocker@xxxxxxx> writes:

The power supply seems to be working, but the laser is not lasing. The laser is part of a metrology microscope in which the laser was left on almost continuously for the last 4 years. The microscope was recently moved to a new building at the beginning of the year. It was reassembled a few weeks ago and at that point the laser would not come back on.

I'll be happy to evaluate it but it sounds like you've already pretty much nailed it. If the power supply is working (the tube lights up inside) but there is no beam, the tube is almost certainly dead. These things have a long life, but being left on for years will kill them for sure.

If the tube is not lighting up inside, then it could still be the power supply or the tube could be very hard starting.

What would you charge to look at it? Do you want to discuss this offline?

I have emailed you direct. If that doesn't get through, go to the feedback form at <http://www.repairfaq.org/> and just send me a quick message.

Thanks.

--- sam | Sci.Electronics.Repair FAQ: <http://www.repairfaq.org/>
Repair | Main Table of Contents: <http://www.repairfaq.org/REPAIR/>
+Lasers | Sam's Laser FAQ: <http://www.repairfaq.org/sam/lasersam.htm>
| Mirror Sites: http://www.repairfaq.org/REPAIR/F_mirror.html

Important: Anything sent to the email address in the message header above is ignored unless my full name AND either lasers or electronics is included in the subject line. Or, you can contact me via the Feedback Form in the FAQs.

Re: HP 5501A laser head repair

Sam Goldwasser wrote:

"mtsnist" <stocker@xxxxxxxx> writes:

Does anyone know where I can ge