



Autoradiography Pen

CL 10.1, CL 11.1

Pen for marking of chemoluminescent or isotope-labelled substrates prior to autoradiographic detection.

Each pack includes the autoradiography pen and 4 extra nibs. The original nib provided with the Glow Writer is great for “priming” the pen. Once ink flow is initiated, you may remove the priming nib and insert one of the fine point nibs for optimal writing.

Always use gloves when handling the autoradiography pen or nibs!

- 1) Shake the new pen for 30 to 45 seconds BEFORE doing anything else. You'll hear the agitator going back and forth.
- 2) On a paper towel, press down on the pen's original tan-coloured primer nib. Keep the nib pushed in until you see green ink saturate the nib. This may take from 30 seconds to a minute, depending on the individual pen.
- 3) Start writing!
- 4) After step 3 you may wish to change nibs and use a white fine-point nib. Wearing gloves, gently pull out the original (now inky) primer nib using a tissue (we suggest that you save the primer nib in a small plastic microtube for future use). Now insert a fine point nib.
- 5) You are now ready to prime this nib just as in Step 2. However, please CUSHION the fine writing point when you press down to avoid damage to the nib's tip. A folded tissue acts as a good cushion. Press for about a minute until the green ink migrates to the nib's writing end.
- 6) You are now ready to enjoy fine point writing!
- 7) Always remember to:
 - A. Shake the pen vigorously before applying pressure to the nib.
 - B. Cap the pen when not in use.
 - C. Use a tissue to remove excess ink.

Tips for Exposure of Autoradiography Ink to X-ray Film

- Expose autoradiography writing to bright room light for at least 30 seconds. This will excite the phosphorescent ink.
- Place autoradiography writing and experimental material on X-ray film within 2 minutes after lights have been turned off in the dark room.
- NOTE: Very little glow is produced 5 minutes after excitation.

Safety information:

Provide adequate ventilation, Prevent skin contact.

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1 Unit	CL10.1
Replacement nibs	CL11.1

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