

OPERATING INSTRUCTIONS:
DENTON DESK II COLD SPUTTER UNIT
(August 1996 — v1.2)

1. Sign Log Book.
2. Load specimens into chamber, close lid
3. Turn main power **ON** (right side), and pump down to less than 30 millitorr
4. Open Argon Tank valve (Do not adjust regulator, chrome valve!)
5. Push **SPUTTER** button once (this will briefly purge the chamber with argon)
6. Push **SPUTTER** button a second time, and allow pressure to stabilize at 50 mT
8. Set desired coating time [90 seconds ~ 20 nm]
9. Push **TIMED START**, sputtering will start and count down to zero.
10. Adjust **CURRENT** to 45 mA
11. At completion, reduce current setting to zero (Fully CCW)
12. Turn main power **OFF**, chamber will vent automatically
13. Turn off Argon gas cylinder !
14. Open chamber lid and remove specimens
15. Close chamber lid.

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