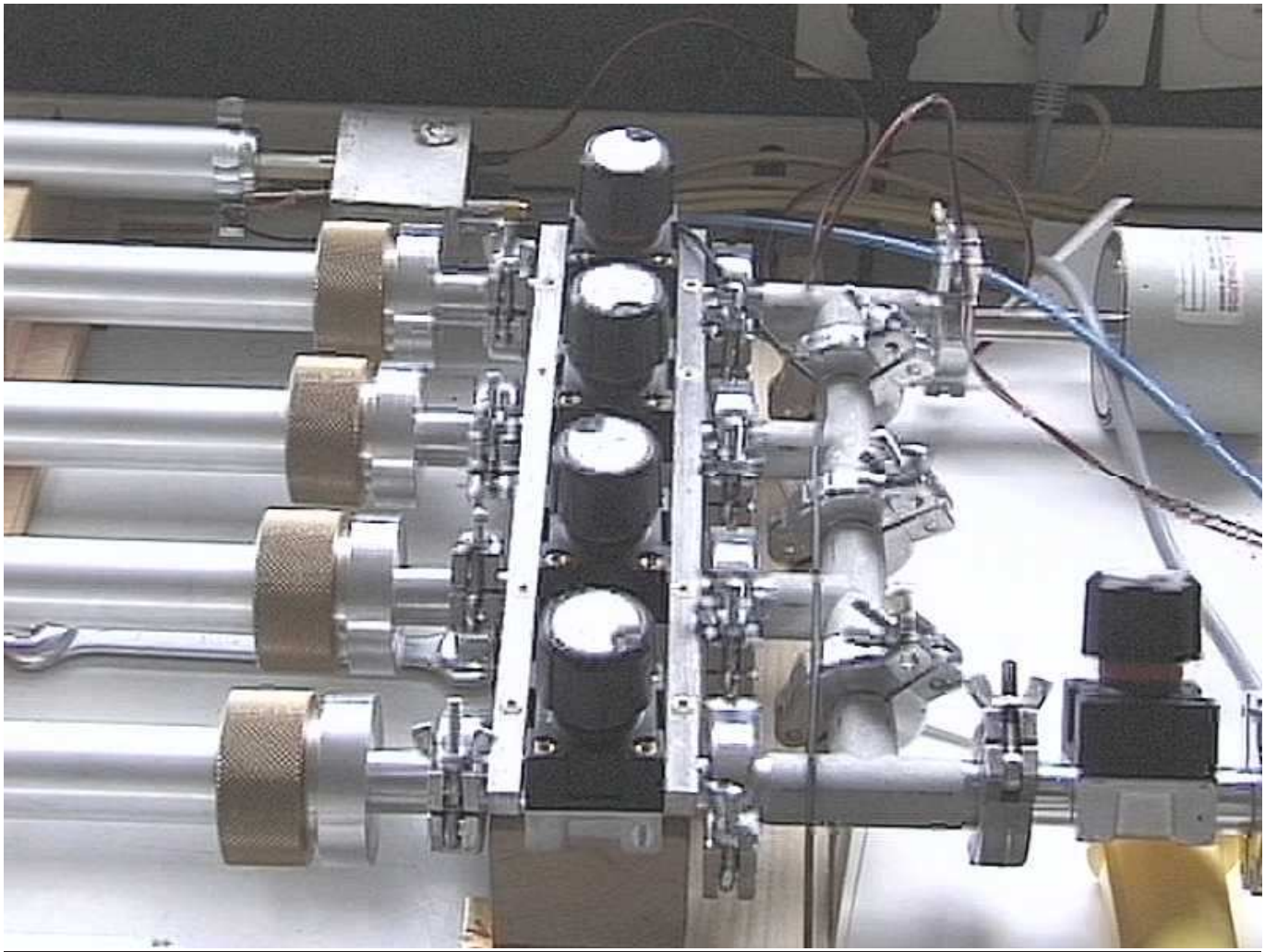
Drift Tubes Tests

Extensive Test Program:

- **X-ray meas. of wire location:** $\leq 10\ \mu$m rms
- **Wire tension (osc. frequency):** 350 ± 7 g (rms)
  $\Longrightarrow$ wire sag error $< 10\ \mu$m rms
- **Gas leak rate at 3 bar:** $\leq 10^{-8}$ bar $\cdot$ l/s
- **HV stability test with Ar:CO_2 (93:7) at 3 bar:**
  dark current at 3.4 kV: < 2 nA/m