

# Contamination Avoidance



PID intrinsically delivers low contamination drift since the sensing mechanism occurs substantially in the gas phase. Tiger MiniPID incorporates a six tier contamination resistance narrative:

- Hydroscopic filter repels contaminants such as aqueous aerosols
- The photoionisation, which generates contaminating ions, is minimised
- Electric configuration draws contaminating ions away from lamp window
- Filter retards gas entry and exit flow, enhancing processes by which contaminants are destroyed.
- Fence electrode removes contamination effects.
- Electrode stack is easily replaceable and lamps easily cleanable