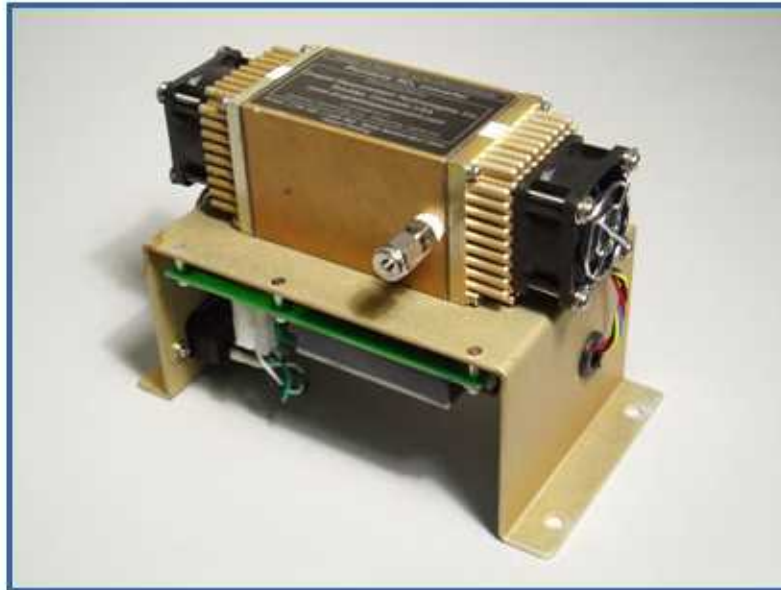




BLUE LIGHT CONVERTER (BLC): SOLID-STATE PHOTOLYTIC NO₂ CONVERTER



SPECIFICATIONS:

- High efficiency (greater than 50% NO₂ conversion/second)
- Highly specific for NO₂
- Negligible radiant heating of the sample gas
- Low volume (17 mL - 1 second at 1 slpm flow)
- Non-reactive wetted surfaces
- Long light-source life (estimated greater than 5,000 hours)
- Power consumption: 30 W, 115V/60Hz or 230V/50Hz
- Converter weight: less than 1 kg
- Converter size: 10 cm (w) x 20 cm (l) x 13 cm (h)
- Direct physical replacement for a molybdenum converter
- Aircraft-based unit available
- Patent pending