

# AZ 5005



REINVENTING CONTINUITY. . .

We had a dream...  
a continuous analyzer of N<sub>2</sub> in Helium



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## General characteristics

- Continuous measurement system based on the luminosity of a Helium plasma in a quartz chamber.
- System controlled by a microprocessor.
- Easy to use.
- Easy maintenance.
- Low sample flow.
- Less power consumption.
- CE Analyzer.
- Alphanumeric screen 8x40 characters, 64x240 pixels.
- Multifunctional and real-time software.

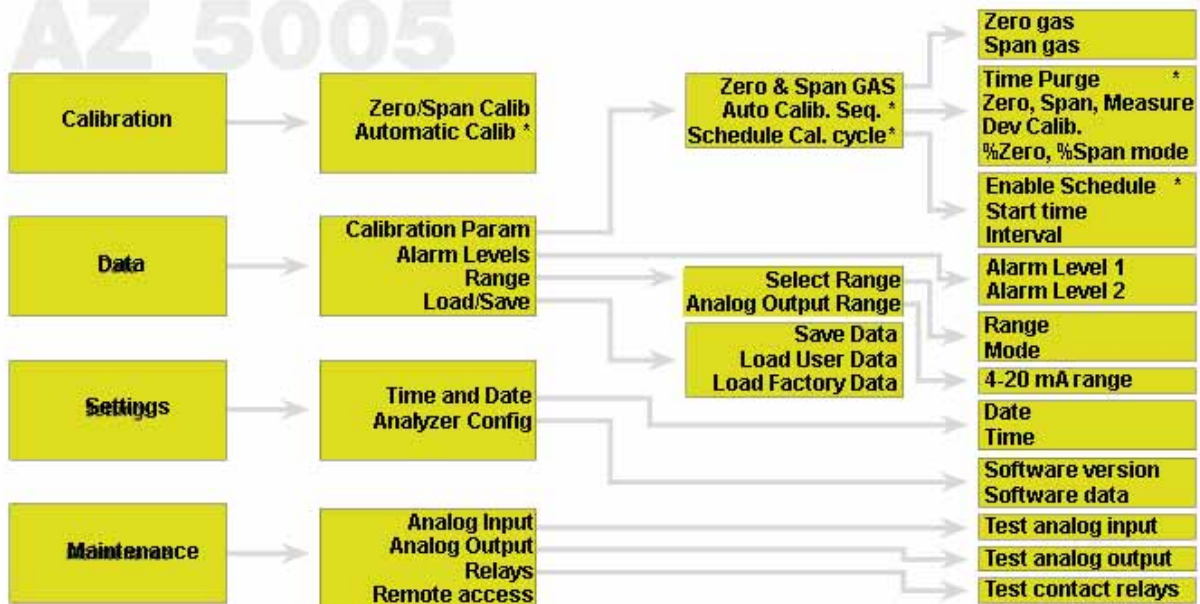
## Dimensions

- Height..... 7"
- Width..... 19"
- Depth..... 19"

## Technical characteristics

- Three ranges:
  - 0-1 ppm ..... display resolution 0.01 ppm
  - 0-10 ppm ..... display resolution 0.1 ppm
  - 0-100 ppm ..... display resolution 0.1 ppm
- Accuracy
  - 0-1 ppm ..... 5% of the reading scale
  - 0-10 ppm ..... 0.5% of the reading scale
  - 0-100 ppm ..... 0.5% of the reading scale
- Drift ..... 1% during 24 hours (0.5% over a longer period)
- Gas connections
  - Sample ..... 1/8" Swagelok SS
  - Vent ..... 1/8" Swagelok SS
- Sample flow ..... (+/-) 3 l/h
- Max Input Pressure .... working pressure from 3 - 15 psig (vent at atmospheric pressure)
- Working Temperature.. ambient and stable temperature (+/-) 68 F
- Power supply ..... 110 vac, 50-60 Hz
- Consumption ..... 500 VA
- Output 4-20 mA ..... 1 output for N2 impurity
- Connector RJ-45 ..... computing maintenance of the system
- Output relays ..... (dry contacts, SPST 2A/ 250 Vac)
  - 1 STATUS contact relay (security alarm)
  - 3 RANGE contact relays (active range)
  - 1 process alarm contact relay (level 1)
  - 1 process alarm contact relay (level 2)
  - 2 contacts for automatic calibration

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\* Optional