



LOWER EXPLOSURE LIMIT MONITORING SYSTEMS

- Fast response time (T90 in 1,4 sec.)
- High reliability
- EN 1539 certified
- Low management costs
- Single or multipoint monitoring



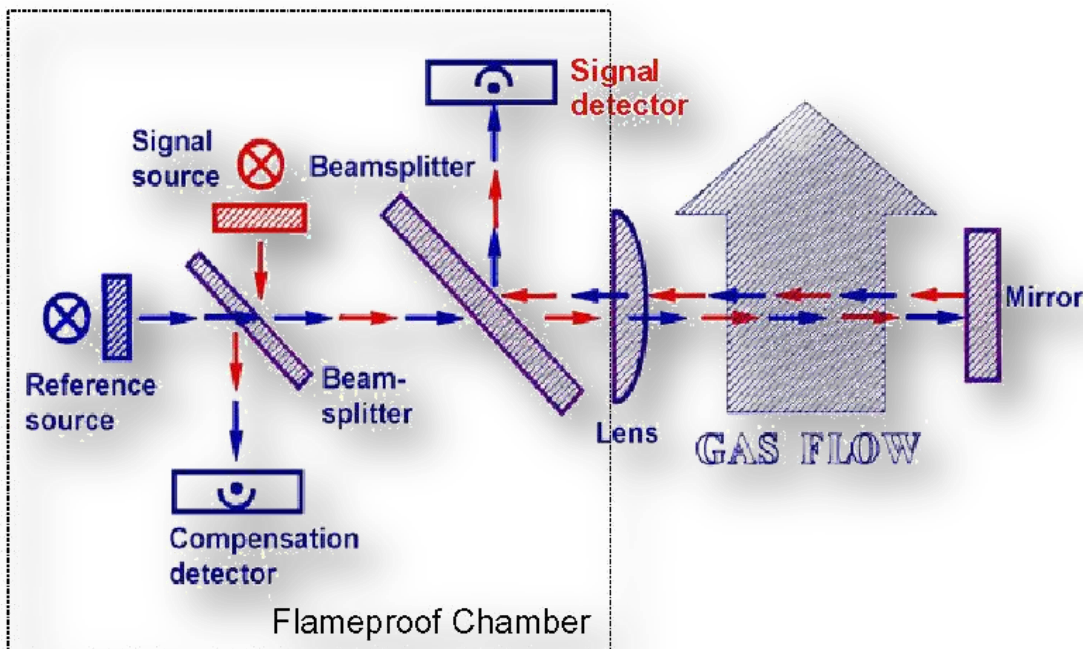
Sagittarius 5000 (IR)



SAGITTARIUS 5000 LEL I.R. INFRARED DETECTOR

The sample gas flow passes through an analytical cell (optical path). The infrared light emitted by the source is absorbed by the sample gas in the cell and caught by a receiver. The decreased intensity between the light emitted and the one caught, is proportional to the solvent concentration.

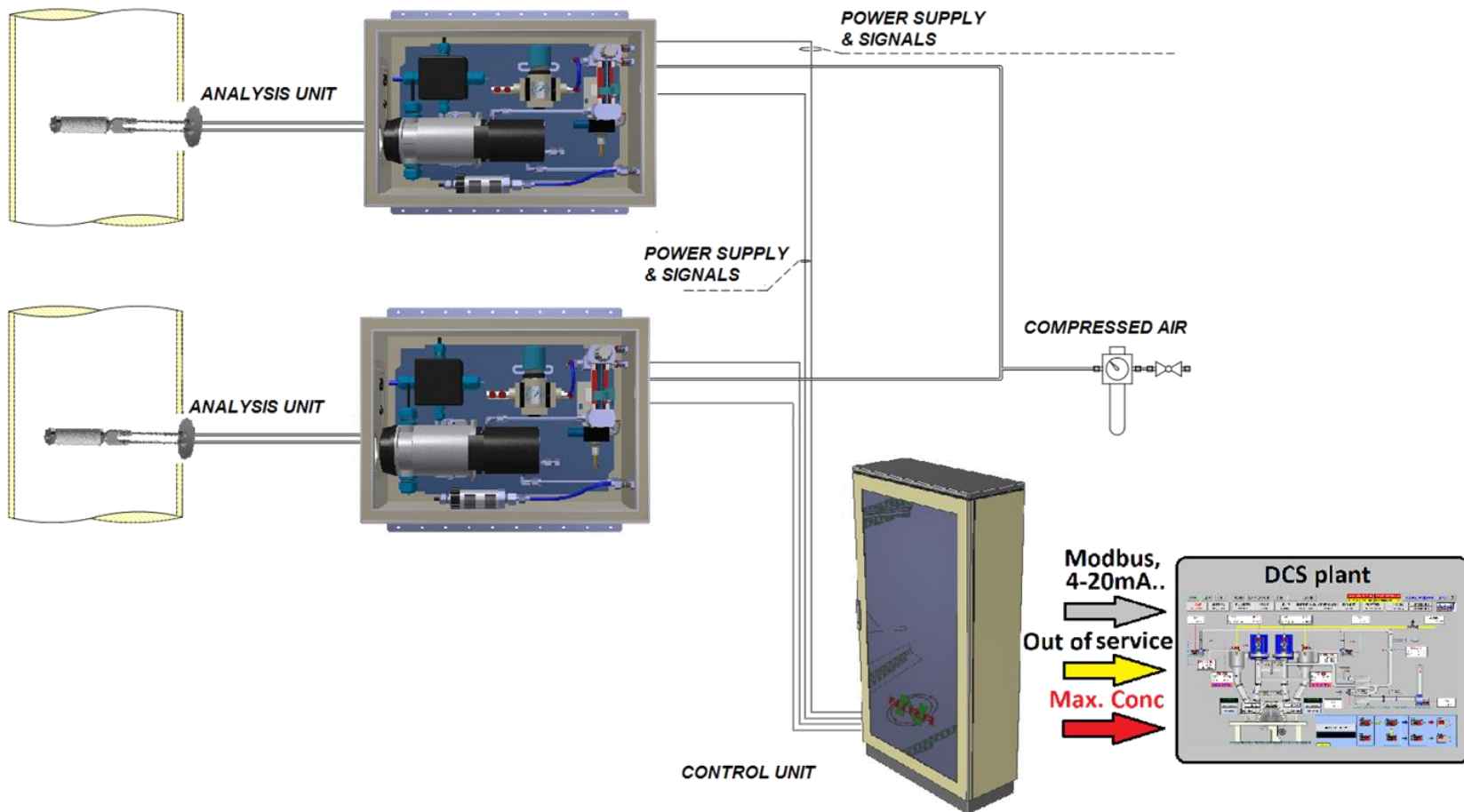
The infrared system is the cost-effective solution for simple solvent mixtures in low temperatures applications.





SAGITTARIUS 5000 LEL I.R.

Layout





ENHANCED FEATURES FOR LEL DETECTION

Comparison



Traditional IR LEL

- Response time in 5 seconds.
- Frequent calibration needed due to Span and zero drifts
- Calibration on one single solvent or component
- Short sensor life, 2 years guarantee
- Developed for generic LEL monitoring applications.

Sagittarius 5000 IR LEL

- Response time in 1,4 seconds.
- Auto-zero and Auto-span drifts compensation, no calibrations required
- Optimized calibration for the solvent mixture provided by the end user
- Long sensor life, 5 years guarantee (Detector)
- Certified for EN 1539:2015, the specific standard for ovens and dryers.



SAGITTARIUS 5000 IR LEL REQUIREMENTS

Our IR systems require compressed air gas to work only



Power supply 230V or 115V



Air from your network (5 bar)

CONSUMPTION = 1m³/hour each line



COMPETENCE IN AFTERSALES

Our service department work worldwide every day, on 6 different kind of Nira instruments:

- Quick E-mail, Skype and phone service
- More than 500 interventions performed per year.
- More than 1000 instruments serviced worldwide.
- Less than 5 working days to organize an intervention within Europe, 10 worldwide.

