Economical solutions for your NO_x concentrations.

You search for accurate NO_x measurements – ECO PHYSICS provides a cost-effective solution. With over 15 years of experience in Duernten, in the foothills of the Alps near Zurich, we have the right solution within our broad range of CLD analyzers for you. Just ask us!

CLD 60 Series

The cost-effective range of products, which offers the best price/performance ratio for you: Swiss quality at an affordable price.

CLD 700 Series

The proven range of products: with thousands of hours of uninterrupted operation, these reliable analyzers are here to stay. Our performance record is unequaled.

CLD 800 Series

The flexible range of products: The most versatile range of analyzers allows you to configure your analyzer to your needs. Your choices are almost limitless!

Economical, reliable, precise.

ECO PHYSICS

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CLD 60 Series

The best value NO_x analyzers for all needs.

Economical, reliable, precise.

ECO PHYSICS

Measurably better.

Our analyzers detect nitrogen oxides at any concentration.

Many scientists, technicians and engineers depend on the NO_x readings from their ECO PHYSICS analyzers. Many more would like to – now they have a choice: The cost-effective CLD 60 series. The simplified setup makes it easy for every system integrator.

Applications	CLD 62	CLD 64	CLD 66
Stack emissions	•		
Burner and boilers	•		
Waste incineration	•		
Energy production and turbines	•		
Petrochemical plants	•		
Quality control in production		•	
$DeNO_x$ devices		•	
Ambient monitoring		•	•
Chemical and high-tech industries		•	•
Indoor NO_2 measurements		•	•
Clean-room surveillance			•
Research in plant physiology			•
Biomedical and pharmaceutical research laboratories			•

User friendliness

User comfort has always been a top priority in the development of an ECO PHYSICS analyzer. The instrument offers predefined settings to facilitate user operation, which can be performed by means of the integrated keypad or remotely from a personal computer. The clear layout of the menu structure guides the user and enables him to take advantage of all analyzer functions with simple commands. With a few options available, the analyzer can be tailored to your needs.

Basics reduced to the optimum

Each CLD series 60 analyzer optimizes the chemiluminescence detector (CLD) to its basic components. All the heated parts are combined and include even the efficient thermal ozone scrubber. Ozone generation does not require a special gas supply, it just takes normal clean ambient air. The compact reaction chamber is the heart of the analyzer. All these high-quality components guarantee a nearly maintenance-free operation. Apart from expendable material for sampling purposes, service is limited to the yearly replacement of filters and membranes.

Swiss Precision Featuring

A fascinating technology

The analyzers of the CLD 60 series are not only state-of-the-art products in terms of precision and reliability. Their technological base also sets the trend for others. The principle of chemiluminescence detection is an extremely selective method for measuring nitrogen oxides precisely, with high linearity over a wide concentration range and with very high reproducibility. These qualities are the basis for the acknowledged high performance of ECO PHYSICS CLD NO_x analyzers in tracking nitrogen oxides even down to the low ppt level.

The ECO PHYSICS quality assurance

Each and every NO_x instrument must pass an extensive test procedure before it leaves the factory. These performance tests can be recalled for every analyzer that ever left our manufacturing plant. Designed and produced in accordance with the ISO 9001:2000 certification, a high-quality product with excellent support after the sale is insured.

All CLD 60 analyzers can be supplied with slides for rack mounting.

Easy to integrate

Integrating the analyzer in larger systems is easy. With its radial ventilation concept the compact instrument consumes only three height units from your rack. The state-of-the-art interfacing capabilities like LAN, RS 232 and analog enable flexible data transfer.

Small in dimensions, big in performance.