



# Shelter Solutions

Space and protection for measurement and analysis technology

**CONTINUOUS EMISSION MONITORING SYSTEMS (CEMS)**

**SICK**  
Sensor Intelligence.



### Technical data overview

Description	
	<p>Analyzer shelters are the ideal solution for making space for measurements in harsh environments without disturbing influences. Due to their standard dimensions, transport by truck is ideal. The shipping containers feature an internal technical or analyzer shelter. Thanks to their ISO standard dimensions and GIC certification, they can be transported by ship and used worldwide. Some environments require individual solutions. Whether for earthquake protection, explosion and fire protection or special dimensions: SICK also develops customized individual solutions for special requirements. (depending on type)</p>

### Product description

Shelter solutions are primarily used to protect the installed analyzer systems from extreme ambient conditions such as heat, cold, dust, wind, earthquakes and corrosive or explosive atmospheres. They also offer advantages for transport as well as on-site installation and maintenance. At the factory, everything is coordinated and pre-installed in the shelter in a clear manner. Each shelter can be equipped to fit individual customer requirements. The installation of transformers and UPS, extinguishing, climate and gas warning systems is possible, as is the implementation of sample point switching or complex redundancy and signal concepts.

### At a glance

- Heating/Cooling/Ventilation (redundant on req.)
- Standard shelter, 10 to 40 feet
- Insulation and high-quality paint (C5)
- Fire alarm and fire extinguishers available
- CSC certificate for standard dimensions
- Suitable for ATEX zones
- Earthquake-safe and fireproof types available (F30, F60)
- Special constructions

### Your benefits

- High availability, long service life and minimal maintenance requirements of the installed technology thanks to the protection from adverse ambient conditions
- Ex-version shelters also enable the use of non-ex-analyzer systems in explosion-hazardous areas
- CSC certification enables low-cost transport on shelter ships and does away with the need for seaworthy packaging
- Minimized risk of transport damage to the measurement and analysis technology
- Quick installation as only the shelter needs to be connected
- Easy access to mounting plates and racks facilitates maintenance work

### Fields of application

- Protection of measurement and analysis technology from extreme ambient conditions in the field of process gas analysis and emission monitoring

### Ordering information

Other models and accessories → [www.sick.com/Shelter\\_Solutions](http://www.sick.com/Shelter_Solutions)

Brief description	Type	Part no.
Analyzer shelters are the ideal solution for making space for measurements in harsh environments without disturbing influences. Due to their standard dimensions, transport by truck is ideal.	Analyzer Shelter	On request
Some environments require individual solutions. Whether for earthquake protection, explosion and fire protection or special dimensions: SICK also develops customized individual solutions for special requirements.	Special Shelter	On request
The shipping containers feature an internal technical or analyzer shelter. Thanks to their ISO-standard dimensions and GIC certification, they can be transported by ship and used worldwide.	Shipping Container	On request

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)