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DRM Technic

Suppliers of Gas Analysis Equipment

**LFE ACPP Analysis Cells
for Process Photometers**

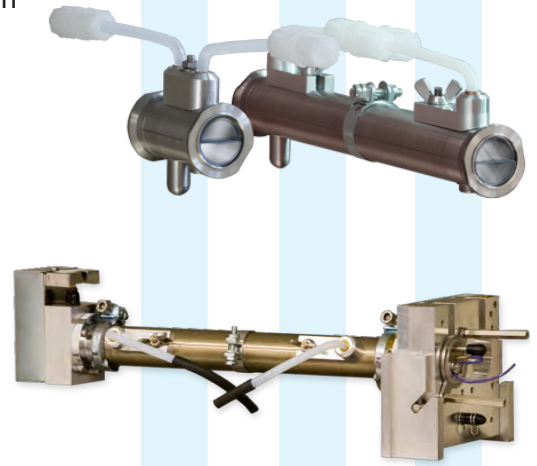
LFE ACPP ANALYSIS CELLS FOR PROCESS PHOTOMETERS

LFE's analysis cells were originally developed for measuring traces of CO₂ in water vapor at 160°C in the presence of corrosive gases.

The analysis cell utilises a maintenance-free high temperature connection technology. A spherical connector system with a PTFE seal ensures that all requirements regarding temperature and corrosion resistance, as well as long-term gas tightness, are met.

The special-purpose analysis cells, which are also implemented in our LFE range of on-line TOC-analyzers, have the following properties:

- Extremely high resistance to corrosion
- Easy to handle and damage resistant
- Easy to clean via rinsing with water



FEATURES

Compatible with Photometer Cells Equipped with Measuring and Reference Sides
High Corrosion Resistance | Continuous Operating Temperature Up to 160 °C
Suitable for NDIR/UV/VIS Process Photometry | Available in Various Optical Lengths (10 ... 200 mm)

SPECIFICATIONS

LFE AC Analysis Cells

Materials in Contact with Medium	Glass, Sapphire (windows), Al ₂ O ₃ Ceramic & PTFE (tubing)
Available Optical Lengths	10, 20, 50, 100 and 200 mm (cells with sealed as well as flowing reference side are available)
Wave Length Range	Approx. 250 nm (UV) $\lambda \leq 5\mu\text{m}$ (IR)
Max. Continuous Operating Temperature	160 °C
Max. Allowed Operational Pressure	200 mbarg

For More Information, Please Free to Contact our Sales Department (contact details below)

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