

# Gas Analyzer SmartControl 300

The SmartControl 300 is a cost-efficient, stationary NDIR analyzer. Main application is the monitoring of threshold concentrations in various gas mixtures. It is designed exclusively for the measurement of high concentration ranges.



## usage

The SC 300 is used to monitor threshold concentrations in solvent-containing gas mixtures.

## advantages

- LED-display
- up to 2 measuring points
- easy to integrate
- high long term stability
- measurements in vacuum possible

## fields of application

- monitoring of solvent
- surface treatment
- industrial applications

Made in Germany

We are your competent partner for gas measurement applications.

Our analyzers are developed and produced exclusively in Germany.

## Contact

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Gas Analyzer  
SmartControl 300

technical data

model:	SmartControl 300
measuring inputs:	internal: 1 (standard), expandable up to 2
measuring technology:	NDIR one beam principle, cuvette heated up to 85°C / 185°F
number of measurable gases:	NDIR 1 (tetrachloroethylene (PER), trichloroethylene (TRI), dichloromethane)
measuring range:	150 mg/m <sup>3</sup> - 50 g/m <sup>3</sup>
measurement precision:	max. of 5 % of the measured value
pressure compatibility:	compensated, standard 0.7 - 1.1 bar / 10.15 - 15.95 psi
gas flow:	ca. 3 l/min / 105.59 oz/min
internal gas lane:	PTFE
tube connections:	clamp hose connections (standard)
climatic conditions:	ambient temperature 5°C - 45°C / 41° - 113°F / relative humidity ~ 90 %, dew free
supply voltage:	~ 230 V / 50 Hz, < 0.6 A
case:	W 310 mm x H 133 mm x D 221 mm W 12.20 inch x H 5.24 inch x D 8.70 inch
display:	4 LEDs, 128 x 64 touch panel
handling:	touch panel resistive
weight:	2.8 kg / 6.17 lb
electrical inputs:	2 digital inputs 24 V AC/DC
electrical outputs:	1 digital output "ready" (relay) max. of 48 V / 500 mA 4 digital outputs (relay) max. of 48 V / 500 mA, optional: 4 analog outputs (gal. seperated) 4-20 mA, individual programmable
interfaces:	standard RS 232
options:	vacuum version up to max. 5 mbar / 0.073 psi