

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.



use

The Smart Control 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
display:	4 LEDs, 128 x 64 touch panel
handling:	touch panel resistive
measured value output:	at least every 20 seconds (depending on the length of the sample gas line)
range:	50mg/m ³ - 100g/m ³ (depending on gas type)
measurement precision:	max. of 5 % of the measured value depending on gas type / long term drift < 2 %
components to be analyzed:	CHC, HCS (e.g. tetrachloroethylene (PER), trichloroethylene (TRI), dichloromethane)
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,
interfaces:	standard RS 232
gas flow:	ca. 3 l/min / 105.59 oz/min
pressure compatibility:	compensated, standard 0.7 - 1.1 bar / 10.15 - 15.95 psi
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
housing:	W 310mm x H 133mm x D 221mm W 12.20 inch x H 5.24 inch x D 8.70 inch
weight:	2.8 kg / 6.17 lb
options:	analog output 4-20 mA free programmable vacuum version up to max. 5 mbar / 0.073 psi second measure point