

NEW

- » real time operating system for real-time control
- » displays up to 6 parameters
- » PID control function
- » 512 MB data logger

## Process Control for Chemical Dosing

con::lyte - the terminal with PID control function



# con::lyte

- s::can terminal
- operation of up to 3 s::can sensors / probes, can be extended with C-41-hub
- display up to 2 (eco) or 6 (pro) parameters
- setup and calibration of all s::can monitoring systems (e.g. nano::station)
- ergonomic user interface
- interface to SCADA via 0/4-20 mA analog outputs, optional modbus RTU or profibus DP
- digital in- and outputs, analog inputs
- control of cleaning valves
- logbook available
- optional: integrated datalogger
- optional: PID control
- certifications: CE, cTUVus and RCM



## technical specification

display	LCD
function indicator	2 x LED
operation via	keypad
onboard memory	512 MB
interface to SCADA	Modbus RTU or Profibus DP (optional)
data transfer	USB host mode support for data transfer with USB stick
power consumption (max.)	30 W
analog inputs	1 x 0/4-20 mA
outputs for automatic cleaning	2
digital inputs	2
relay outputs	2 x 6A (600 VAC)
system error relay	1 x 6A (600 VAC)
dimensions (width x height x depth)	235.6 x 213 x 117.3 mm
housing material	PC
weight (min.)	1300 g
operating temperature	-20 ... 50 °C
operating humidity	5 ... 90 %
storage temperature	-20 ... 50 °C
storage humidity	5 ... 90 %
ingress protection class	IP65
conformity - EMC	EN 61326-1 EN 61326-2-3
conformity - safety	EN 61010-1

## recommended accessories

part number	article name
C-31-eu	Optional 2 m power cable
C-31-us	Optional 2 m power cable
D-319-logger	Datalogger option for con::lyte
D-319-out-pro-fibus	Profibus (output module for con::lyte pro)
D-319-out-mA	2 x 0/4 - 20 mA (output module for con::lyte pro)
D-319-out-mod-bus	Modbus/RTU (output module for con::lyte pro)
D-320-PID	PID control output for con::lyte D-320 eco or pro

## con::lyte eco

integration of	1 x i::scan, s::can sensor or s::can ISE probe
interface to s::can sensors	1 x sys plug (IP67), RS485
power supply	type D-320-x-230: 85-264 VAC (47-63Hz)
analog outputs	2 x 0/4-20 mA
part number 230V	D-320-eco-230

## con::lyte pro

integration of	D-320-pro1: i::scan, s::can sensors, s::can ISE probes D-320-pro2: s::can G::series, i::scan, s::can sensors, s::can ISE probes
interface to s::can spectrometric probes	D320-pro2: 1 x MIL (IP67), RS485
interface to s::can sensors	D-320-pro1: 3 x sys plug (IP 67), RS485; D320-pro2: 2 x sys plug (IP 67), RS485
power supply	type D-320-x-230: 85-264 VAC (47-63Hz)
analog outputs	3 x 0/4-20 mA
analog outputs (optional)	2 x 0/4-20 mA or 4 x 0/4-20 mA
part number 230V	D-320-pro1-230 D-320-pro2-230