

Section 10

Measurement & Control

10

EMEC LD PLUS Duplex

Dual Channel Wall Mounted Controller

Standard Features:

- ABS IP65 Wall Mounted Controller
- Two Parameters
- Easy Control by ENCODER Wheel
- Flow Control
- 4-20mA Output Signals
- Internal Storage with System Log
- PT100 Temperature Compensation
- Modbus
- Standby Input
- PID, On/Off, Impulsive Proportional, Proportional PWM or Fixed PWM & PID Control
- Alarm Output
- 5 Year Warranty*



Models:

Model	Function
LDPHRH PLUS	Digital pH meter (from 0-14pH), and redox meter (from 0-1000mV)
LDPHCL PLUS	Digital pH meter (from 0-14pH), and chlorine meter (configurable for bromine, chlorine dioxide, hydrogen peroxide, ozone or peracetic acid)
LDPHCD PLUS	Digital pH meter (from 0-14pH), and conductivity
LDPHCDIND PLUS	Digital pH meter (from 0-14pH), and inductive conductivity
LDPHETORB2 PLUS	Digital pH meter (from 0-14pH), and turbidity
LDPHTRC PLUS	Digital pH meter (from 0-14pH), and tracer
LDPHFL PLUS	Digital pH meter (from 0-14pH), and fluoride

Options:

When ordering you can specify any parameter combination e.g. LDCLETORB2
Data logging to USB device
Remote control by Ethernet (LAN connection)
Remote control by internal GSM/GPRS modem, SMS alert, email alert
WIFI

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Section 10

Measurement & Control

EMEC LD Duplex

Dual Parameter Wall Mounted Controller

Standard Features:

- ABS IP65 Wall Mounted Controller
- Two Parameters
- Easy Control by ENCODER Wheel
- Flow Control
- Internal Storage with System Log
- PT100 Temperature Compensation
- Modbus
- Standby Input
- On/Off, Impulsive Proportional, Proportional PWM or Fixed PWM Control
- Alarm Output
- 5 Year Warranty*



Controller Models:

Model	Function
LDPHRH	Digital pH meter (from 0-14pH), and Redox meter (from 0-1000mV)
LDPHCL	Digital pH meter (from 0-14pH), and chlorine meter (configurable for bromine, chlorine dioxide, hydrogen peroxide, ozone or peracetic acid)
LDPHCD	Digital pH meter (from 0-14pH), and conductivity
LDPHCDIND	Digital pH meter (from 0-14pH), and inductive conductivity
LDPHETORB2	Digital pH meter (from 0-14pH), and turbidity
LDPHTRC	Digital pH meter (from 0-14pH), and tracer
LDPHFL	Digital pH meter (from 0-14pH), and fluoride

Options:

When ordering you can specify any parameter combination e.g. PH+PH
Data logging to USB device
4-20mA signals out for measured value
Remote control by Ethernet (LAN connection)
Remote control by internal GSM/GPRS modem, SMS alert, email alert
WIFI

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Section 10

Measurement & Control

10

EMEC LD PLUS

Wall Mounted Controller

Standard Features:

- IP65 Wall Mounted Controller
- Easy Control by ENCODER Wheel
- Flow Control
- 4-20mA Output Signal
- Internal Data Storage with System Log
- Temperature Compensation Input
- Modbus
- Stand-By Input
- Alarm Output
- On/Off, Impulsive Proportional, Proportional PWM, Fixed PWM or PID Control
- Probe Cleaning Output
- 5 Output Relays (2 Set Point; Alarm; Probe Cleaning; Circulation)
- 5 Year Warranty*



Models:

Model	Function
LDSPH PLUS	Digital pH meter (0-14 pH)
LDSRH PLUS	Digital Redox (ORP) meter (0-1000mV)
LDSCCL PLUS	Digital chlorine meter (Total chlorine, free chlorine, bromine, hydrogen peroxide, ozone, peracetic acid), range depends upon probe selection
LDSCD PLUS	Digital conductivity controller (0-300µS, 0-3000µS, 0-30mS, 0-300mS)
LDSCDIND PLUS	Digital controller for inductive conductivity (0-3000µS, 0-30mS, 0-300mS)
LDSETORB2 PLUS	Turbidity controller (0-40 NTU, 0-400 NTU, 0-4000 NTU)
LDSTRC PLUS	Digital tracer controller (0-1000ppm)
LDSFL PLUS	Digital fluoride controller (0-3ppm, 0-1000mV)
LDSDO PLUS	Digital DO controller (0-20mg/l)

Options:

mA Water Meter Input
Data logging to USB device
Remote control by Ethernet
Remote control by internal GSM/GPRS modem, SMS alert, email alert,
WIFI

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Section 10

Measurement & Control

EMEC LD

Wall Mounted Controller

Standard Features:

- ABS IP65 Wall Mounted Controller
- Standby Input
- Flow Input
- PT100 Temperature Compensation
- Modbus
- On/Off, Pulse Width Proportional or Proportional Pulse Control
- Probe Cleaning Output
- Dosing Timer
- Data Storage with Internal Logging
- 5 Year Warranty*



Models:

Model	Function
LDSPH	Digital pH meter (0-14 pH)
LDSRH	Digital Redox (ORP) meter (0-1000mV)
LDSCCL	Free chlorine/bromine meter, hydrogen peroxide, ozone, peracetic acid. Range based on probe.
LDSCD	Digital conductivity controller (0-300µS, 0-3000µS, 0-30mS, 0-300mS)
LDSCDIND	Digital controller for inductive conductivity (0-3000µS, 0-30mS, 0-300mS)
LDSETORB2	Turbidity controller (0-40 NTU, 0-400 NTU, 0-4000 NTU)
LDSDO	Dissolved oxygen controller (0-20mg/l O ₂)
LDSTRC	Digital tracer controller (0-1000ppm)
LDSFL	Digital fluoride controller (0-3ppm, 0-1000mV)

Options:

Data logging to USB device
4-20mA signals out for measured value
Remote control by Ethernet. (LAN connection)
Remote control by internal GSM/GPRS modem, SMS alert, Email alert
WIFI

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Section 10

Measurement & Control

10

EMEC LDLOG

Chemical Usage Logging

Standard Features:

- ABS IP65 Wall Mounted
- For Monitoring Chemical Levels and Usage
- Easy Control by ENCODER Wheel
- Internal Storage with System Log
- 5 Year Warranty*



Models:

Model	Function
LDLOG	Data log system for chemical usage, by monitoring chemical pump output.
LDLOG mA	Data logging system for chemical usage, by monitoring tank levels. 4-20mA inputs for four tanks. Records and displays daily, weekly and monthly chemical consumption, plus quantity remaining in tanks.

Options:

Data logging to USB device
Remote control by Ethernet (LAN connection)
Remote control by internal GSM/GPRS modem, SMS alert, email alert
MODBUS
WIFI

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Section 10

Measurement & Control

EMEC LDSPN PLUS

pH Neutralisation Batch Controller

Standard Features:

- Fill, Treat, Discharge
- ABS IP65 Wall Mounted Controller
- Easy Control by Encoder Wheel
- Flow Input
- Inlet Solenoid Valve Control
- Outlet Solenoid Valve Control
- Mixer Control
- 2 Way pH Pump Control
- Internal Data Storage with System Log
- 5 Year Warranty*



Models:

Model	Function
LDSPN PLUS	Digital pH Controller

Options:

Remote control by Ethernet (LAN connection)
Remote control by internal GSM/GPRS modem, SMS alert, Email alert
WIFI

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