

Technical Data

Injectors > Electrical Dosing Pumps

> Membrane

HORIZONTAL ASSEMBLING

Code	Series	Type	l/h	bar
FER861	Analog AMS	CL	5	25
FERD100	Analog AMS	CL	10	15
FERD101	Analog AMS	CL	20	7
FERD103	Analog AMS	CL	40	3
FERD104	Analog AMS	PLUS	5	25
FERD105	Analog AMS	PLUS	10	15
FERD106	Analog AMS	PLUS	20	7
FERD107	Analog AMS	PLUS	40	3
FERD116	Analog K	CL	5	10
FERD117	Analog K	CL	8	8
FERD118	Analog K	PLUS	5	10
FERD119	Analog K	PLUS	8	8



FERD124	Digital AMS	MF	5	25
FERD125	Digital AMS	MF	10	15
FERD126	Digital AMS	MF	20	7
FERD127	Digital AMS	MF	40	3
FERD128	Digital AMS	PH	5	25
FERD129	Digital AMS	PH	10	15
FER860	Digital AMS	PH	20	7
FERD130	Digital AMS	PH	40	3
FERD131	Digital AMS	RH	5	25
FER132	Digital AMS	RH	10	15
FERD133	Digital AMS	RH	20	7
FERD134	Digital AMS	RH	40	3
FERD148	Digital KMS	DC	8	8
FERD157	Digital KMS	PH	8	8



220 V AC VERTICAL ASSEMBLING

Code	Series	Type	l/h	bar
FERD401	Analog T	TCO	5	20
FERD402	Analog T	TCO	15	5
FERD403	Analog T	TCO	20	4
FERD404	Analog T	TCO	30	3
FERD405	Analog T	TCO	50	1
FERD409	Analog T	TCL	5	20
FERD410	Analog T	TCL	15	5
FERD411	Analog T	TCL	20	4
FERD412	Analog T	TCL	30	3
FERD413	Analog T	TCL	50	1



FERD237	Digital TMS	PH	5	20
FERD239	Digital TMS	PH	15	5
FERD431	Digital TMS	PH	20	4
FERD245	Digital TMS	PH	30	3
FERD433	Digital TMS	PH	50	1
FERD246	Digital TMS	RH	5	20
FERD440	Digital TMS	RH	15	5
FERD441	Digital TMS	RH	20	4
FERD442	Digital TMS	RH	30	3
FERD443	Digital TMS	RH	50	1



12 V DC VERTICAL ASSEMBLING

Code	Series	Type	l/h	bar	€
FERD137S	Digital TMS	PH	10	7	798,00
FERD608	Digital TMS	PH	10	10	798,00



DESCRIPTION:

Application

- High-precision dosing system

Features

- Membrane electrical dosing pump
- Horizontal assembling
- Analog and digital version for parameters visualization
- Four main models for different functions
- Different versions for specific sensors
- Injection regulation manual trimmer

Specifics

- Power supply: 220 V 50 Hz AC

Materials

- Pump body: PVDF

Model	Version	Dosage	Digital signal	Input 4/20 mA	Alarm output
ASM/K	CL	analog	steady	-	-
ASM/K	PV	analog	steady/prop	si	-
ASM/K	PVM	analog	steady/prop	si	-
ASM/K	IC	analog	steady/prop	-	si
AMS	MF	digital	steady/prop	si	si
AMS	PH	digital	proportional	-	si
AMS	RH	digital	proportional	-	si
KMS	DC	digital	steady	-	-

Probes not included

DESCRIPTION:

Application

- High-precision dosing system

Features

- Membrane electrical dosing pump
- Vertical assembling
- Analog and digital version for parameters visualization
- Four main models for different functions
- Different versions for specific sensors
- Injection regulation manual trimmer

Specifics

- Power supply: 220 V 50 Hz AC

Materials

- Pump body: PVDF

ANALOG "T" PUMPS

Mod.	Features
TCO	Steady pump with flow-rate regulation
TCL	Steady pump with level control and flow-rate regulation

DIGITAL "TMS" PUMPS

Mod.	Features
PH*	Proportional pump for pH reading and regulation (0 ÷ 14 pH), remote control and level control
RH*	Proportional pumps for Redox reading and potential adjustment (0 ÷ 1000 mV), remote control and level control

* Probes not included
DC - MF version on request

PH CONTROL STANDARD CONFIGURATION

FER860 pump + FER819 probe + probe housing



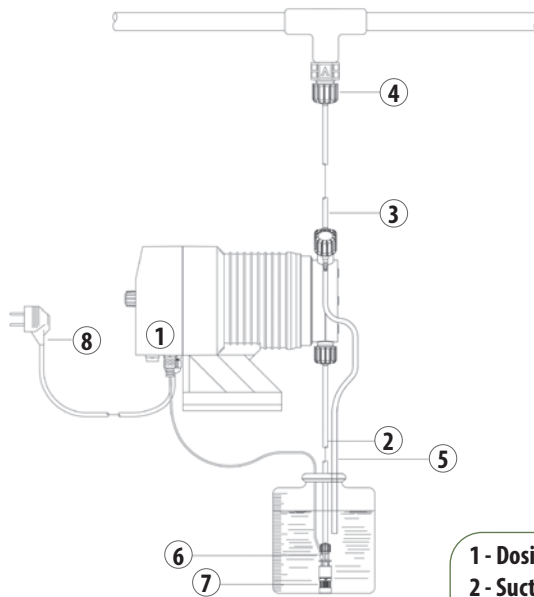
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PUMP INSTALLATIONS

HORIZONTAL MOUNTING

The pump must be installed on a stable support at a maximum height, with respect to the bottom of the container, of 1,5 meters



- 1 - Dosing Pump
- 2 - Suction pipe
- 3 - Delivery pipe
- 4 - Injection valve
- 5 - Air exhaust
- 6 - Level probe
- 7 - Bottom filter
- 8 - Power supply
- 9 - Standby

VERTICAL MOUNTING

The pump must be installed on a wall support at a maximum height of 1,5 meters from the bottom of the container

