

# ETATRON EONE SERIES



***PRODUCT CATALOGUE***

# eOne Series

The eOne Series introduces an advanced solenoid-driven pump that adds smart control to chemical dosing. This cutting-edge device responds to changes in system pressure, adjusting the flow rate to promote energy efficiency, operate at low temperatures, and reduce wear on mechanical and electrical parts.

eOne Series pumps boast exclusive functions such as:  
**UNDERLOAD** – suction alarm for low chemical level, blocked suction valve or damaged suction tube  
**OVERLOAD** – dosing alarm for pump head over pressure, excessive operating pressure within the dosing pipeline and blocked delivery valve

Additional distinctive attributes of the eOne Series comprise high injection frequency (up to 300 pulses/min) and a multi-tension power supply (100-250 Vac, 50/60Hz).

## Materials

**Case:** Reinforced, chemically resistant PP  
**Pump head:** PVDF, highly resistant polymer

**Valves:** Ceramic balls and all sealings in FPM or TFE/P  
**Diaphragm:** PTFE



# INSTALLATION KIT

## PVDF-TFE/P kit

**ALL eOne systems are supplied with a PVDF-TFE/P installation kit, made up of a 2 m discharge PE tube (4x6 mm), 2 m suction and 2 m bleeding PVC crystal tube (4x6 mm), PVDF foot-filter and PVDF injection valve. Other configurations are available upon request**

Flow Rate	Code
1-15 l	SCO 00300 22
20 - 30 l	SCO 00310 21



### Technical Specifications

Version	Flow rate l/h (US Gal/h)	Pressure bar (psi)	Max frequency imp/min	Connections Int/Ext mm	Power supply	Power consumption Min/Max (W)
0110	1 (0.26)	10 (145)	180	4x6	100 – 250 Vac; 50 – 60 Hz	5/23
0216	2 (0.53)	16 (232)	300	4x6	100 – 250 Vac; 50 – 60 Hz	5/23
0420	4 (1.06)	20 (290)	300	4x6	100 – 250 Vac; 50 – 60 Hz	10/32
0607	6 (1.59)	7 (101)	300	4x6	100 – 250 Vac; 50 – 60 Hz	5/23
0710	7 (1.84)	10 (145)	300	4x6	100 – 250 Vac; 50 – 60 Hz	7/26
1012	10 (2.64)	12 (174)	300	4x6	100 – 250 Vac; 50 – 60 Hz	10/32
1505	15 (3.96)	5 (72)	300	4x6	100 – 250 Vac; 50 – 60 Hz	7/26
2007	20 (5.26)	7 (101)	300	6x8	100 – 250 Vac; 50 – 60 Hz	10/35
3005	30 (7.92)	5 (72)	300	6x8	100 – 250 Vac; 50 – 60 Hz	10/35

# MA

An analog electromagnetic dosing pump with a consistent flow  
eOne Ma is an electronic dosing pump equipped with intelligent power control, which adjusts automatically to various dosing conditions.

## FEATURES

- Flow rate control according to pressure variation Energy saving
- Low heating
- Minimal wear of mechanical and electrical components
- Manual flow rate adjustment
- Dual scale adjustment: 0 – 20% and 0 – 100% Manual air bleed pump head
- Automatic air bleed available on request Level probe input
- Flow rate: 1 - 30 l/h
- Stroke rate: 180 - 300 impulses/min Proportional mode: 1:1 by water-meter pulse- sender signal
- Maximum pressure: 20 bar



## Models

eOne MA (Wall mounting)	eOne B MA (Foot mounting)	Version
PEU 45 389 4I	PBU 45 389 4I	0110
PEU 45 391 4I	PBU 45 391 4I	0216
PEU 45 392 4I	PBU 45 392 4I	0420
PEU 45 393 4I	PBU 45 393 4I	0607
PEU 45 394 4I	PBU 45 394 4I	0710
PEU 45 395 4I	PBU 45 395 4I	1012
PEU 45 396 4I	PBU 45 396 4I	1505
PEU 45 397 4I	PBU 45 397 4I	2007
PEU 45 386 4I	PBU 45 386 4I	3005

# MF

**Multifunction microprocessor solenoid dosing pump**  
The eOne MF functions as an electronic dosing pump, providing intelligent power control based on real-time dosing conditions.

## FEATURES

- Manual air bleed pump head
- Automatic air bleed available on request Manual flow rate regulation: 0-100%, 0-300% impulses/min
- Proportional dosing modes (1 x n; 1 : n; 1 x n M; ml x l; L x l; ml x m<sup>3</sup>; ppm)
- Flow rate control depending on pressure variation Energy saving
- Low heating
- Minimal wear of mechanical and electrical components
- Daily and weekly timer (16 programmes/day) Relay output
- 4-20 mA control Flow sensor input
- Stroke rate: 180 - 300 impulses/min



## Models

eOne MF (Wall mounting)	eOne B MF (Foot mounting)	Version
PEU 48 389 4I	PBU 48 389 4I	0110
PEU 48 391 4I	PBU 48 391 4I	0216
PEU 48 392 4I	PBU 48 392 4I	0420
PEU 48 393 4I	PBU 48 393 4I	0607
PEU 48 394 4I	PBU 48 394 4I	0710
PEU 48 395 4I	PBU 48 395 4I	1012
PEU 48 396 4I	PBU 48 396 4I	1505
PEU 48 397 4I	PBU 48 397 4I	2007
PEU 48 386 4I	PBU 48 386 4I	3005

# PLUS

Multi-function microprocessor solenoid dosing pump designed for pH, Rx, or Cl (ppm) with proportional control.

The eOne PLUS is an electronic dosing pump that offers intuitive power control, responding dynamically to current dosing conditions.

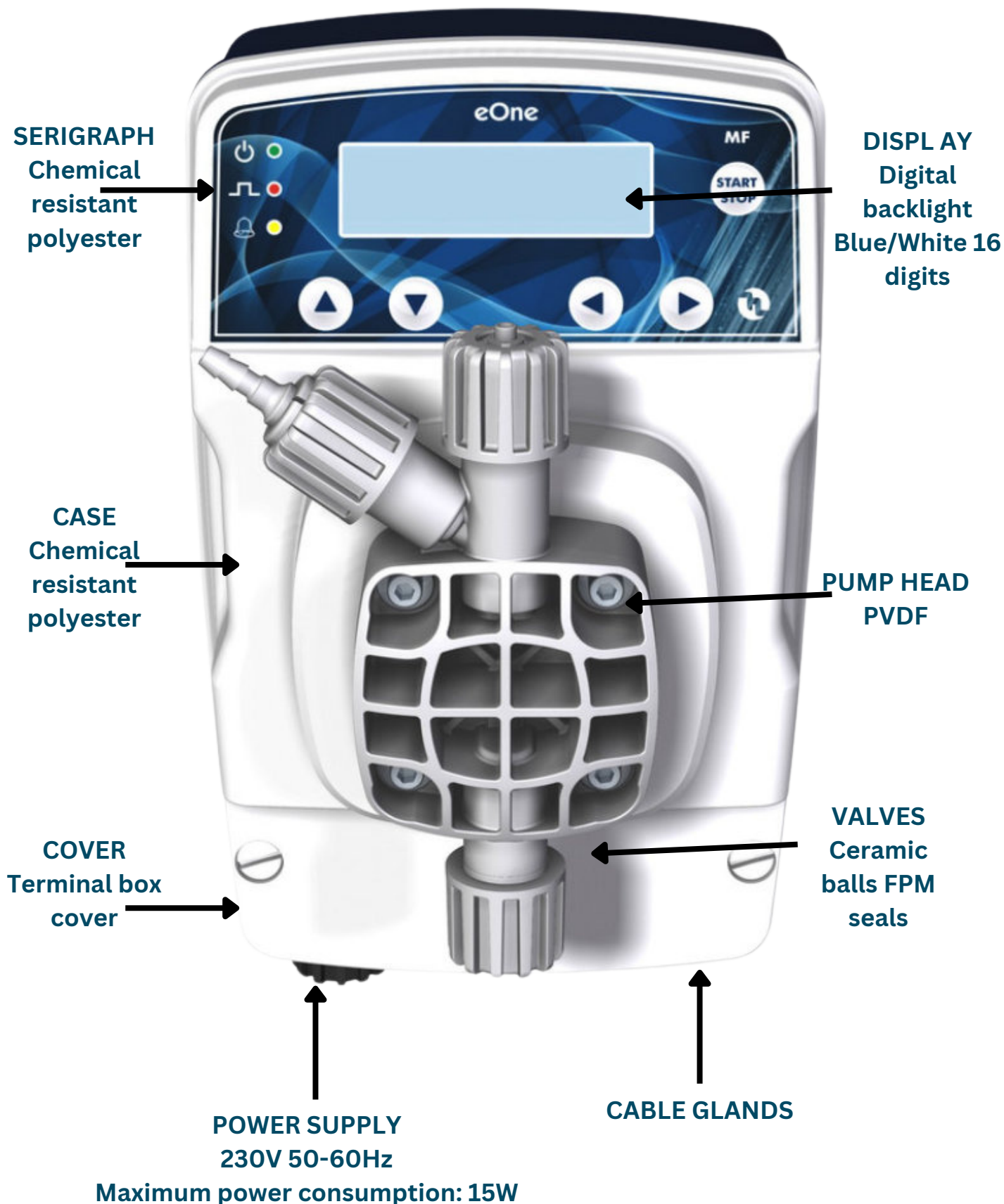
## FEATURES

- Flow rate control depending on pressure variation Low heating
- Energy saving
- Minimal wear of mechanical and electrical components
- High injection frequency up to 300 pulses/min Manual flow rate regulation: 0-100%, 0-300 impulses/min
- Maximum pressure: 20 bar Manual air bleed pump head
- Automatic air bleed available on request Flow rate: 1 - 30 l/h
- Stroke rate: 180 - 300 impulses/min
- Proportional dosing modes (1 x n; 1 : n; 1 x n M; ml x l; L x l; ml x m3; ppm)
- Measure ranges: 0.00– 14.00 pH; -1000 /+1400 mV
- Redox; 0-2, 0-10, 0-20, 0-200 ppm
- Daily and weekly timer (16 programmes/day) Relay output
- ON/OFF mode or proportional mode DIRECT or REVERSE intervention PT100 temperature probe input
- 4-20 mA control Flow sensor input Hysteresis
- Level probe input

### Models

eOne PLUS (Wall mounting)	eOne B PLUS (Foot mounting)	Version
PEU 46 389 4I	PBU 46 389 4I	0110
PEU 46 391 4I	PBU 46 391 4I	0216
PEU 46 392 4I	PBU 46 392 4I	0420
PEU 46 393 4I	PBU 46 393 4I	0607
PEU 46 394 4I	PBU 46 394 4I	0710
PEU 46 395 4I	PBU 46 395 4I	1012
PEU 46 396 4I	PBU 46 396 4I	1505
PEU 46 397 4I	PBU 46 397 4I	2007
PEU 46 386 4I	PBU 46 386 4I	3005

# FEATURES & MATERIALS



# Etatron Connectivity

**ETATRON's distinctive IoT-enabled EtaCloud software allows users to remotely control all operating and programming parameters of the eSelect-M, bringing them closer to their systems than ever before.**

**Through remote access on smartphones, tablets, or PCs, managers can monitor and control operations 24/7 from any location, providing unparalleled command of their application.**

**This advanced software promptly notifies operators of alarms and status changes via email, facilitating quick remote technical support and helping prevent unexpected downtime.**

**Accessing EtaCloud requires a dedicated Connectivity Kit (not included), comprising an RS485/USB cable, an external module, and a 5V power supply.**





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