



# ECOLAB DYNAMIC PUMP

## The New Pump Generation EcoPro | EcoAdd | EcoAPP

- ▲ Stepping motor technology
- ▲ Variable position of control unit and installation variants
- ▲ Upgradable control versions
- ▲ Multicolor touch display
- ▲ Four different viscosity modes
- ▲ Five different metering modes
- ▲ In-memory Ecolab chemical product database
- ▲ USB interface
- ▲ Bluetooth communication
- ▲ Smartphone application



**EcoPro**

**EcoAdd**

**EcoAdd + EcoAPP**  
with optional Bluetooth modul

The **EcoPro|EcoAdd** is a metering pump series with stepping motor technology. This drive technology provides a variety of advantages such as precise adjustable metering capacity from 1:100%, almost pulsation-free injection and adjustable suction time for viscous products.

Five different metering modes are selectable and adjustable through the color touch display in a clearly structured and intuitively organized operation menu.

With the in-memory Ecolab chemical product database and self-knowledge of material composition, parameters and performance, the pump intelligence is able to determine the optimal maintenance interval.

**EcoAdd** enables a comfortable data exchange through communication interfaces such as USB or optional with Bluetooth.

The control unit can easily be turned by 90° to optimize the ease of operation. The mounting plate makes the pump suitable for installation on a table or on the wall. The modular structure makes a simple upgrade from **EcoPro** to **EcoAdd** version possible.

The optional Bluetooth extension module, in combination with the Ecolab smartphone software **EcoAPP**, provides a process overview of all **EcoAdd** pumps and safe guided empty container change with barcode scan to reduce the risk of wrong material combination and chemical use. Also stock inventory tools are incorporated in the **EcoAPP**.



Flexible installation

Easy upgradable

Control version:	EcoPro	EcoAdd	EcoAdd + EcoAPP with optional Bluetooth
Key's:	power on/off, test	power on/off	As with EcoAdd + communication tool:
Settings:	viscosity high/low, metering capacity 1:100%	4 viscosity- and 5 operation modes, metering capacity 1:100%	➤ EcoAPP software for smartphone and tablet with Android and iOS system
Led's:	on, viscosity high/low, alarm	no	➤ Bluetooth add-on PCB
Operation mode:	manual	manual, pulse, current, batch, timer	Process overview of all EcoAdd pumps on one APP. Chemical selection approval and menu-driven handling for vessel change with additional scan and stock inventory tools.
Inputs:	dosing release	dosing release, pulse, current, batch, level, flow, diaphragm rupture	
Outputs:	no	stroke signal, alarm	
Communication:	no	USB	

**Technical specifications:**

Pump type		5	11	30	50	120
Min-Max dosing capacity*	l/h	0.05-5	0.11-11	0.30-30	0.50-50	1.20-120
Max. back pressure	bar	10	10	3	10	3
Material pump housing		Noryl				
Material pump head and valves		PP, PVDF or stainless steel 1.4571				
Material diaphragm		PTFE-EPDM compound				
Material sealings		FPM, EPDM, PTFE (coated) or FFPM				
Material valve ball		Ceramic, PTFE or stainless steel 1.4401				
Material valve spring		Hasteloy C-4				
Connection	inch	3/8	3/8	5/8	5/8	1.1/4
Reproductivity	%	±3				
Max. suction height	mWC	2				
Max. metering frequency	1/min	171	190	171	158	171
Max. viscosity	mPas	500	500	250	500	250
Min-Max ambient temperature	°C	2-45				
Power supply	V/Hz	100-240 (±10%) / 50-60				
Dimensions (WxDxH)	mm	EcoPro 186x189x227 - EcoAdd 186x189x236				
Weight	Kg	3.1	3.1	3.8	5.2	5.7

\* max. dosing capacity depending on viscosity setting

**Ecolab Engineering GmbH**  
 Postfach 1164 • 83309 Siegsdorf  
 Germany  
 Tel. +49 8662 61 0

**EMEA Headquarters**  
**Ecolab Europe GmbH**  
 Richtstrasse 7 • 8304 Wallisellen  
 Switzerland  
 Tel. +41 44 877 2000