





# NOVA SERIES



## CONTACT US

STEIEL Elettronica Srl

 Viale Europa, 24  
35020 Ponte San Nicolò (PD) - Italy

 +39 049 8961488

 [info@steiel.it](mailto:info@steiel.it)

 [www.steiel.it](http://www.steiel.it)

  Follow us!



[www.steiel.it](http://www.steiel.it)

# NOVA Series

## Digital Electromagnetic Dosing Pumps

- ◇ Intuitive configuration
- ◇ **Highly reliable dosage**, thanks to a top level hydraulics
- ◇ Flow rates up to 20 l/h
- ◇ **PVDF** (standard) or methacrylate dosing head, even with self-bleeding valve
- ◇ Dosing chamber with safety membrane and **anti-leakage system** towards the magnet
- ◇ Internal system for **overheating control / safety**
- ◇ Easy **wall installation** with mounting bracket
- ◇ Power supply: 230 V~ or 115 V~, 50/60 Hz

### NOVA NSE LINE

- ◇ Simple, but highly reliable, dosing functions
- ◇ Three-digit, red LED display
- ◇ Available models:
  - NOVA **NSE150** : Basic ON/OFF model
  - NOVA **NSE155** : ON/OFF pump with input for level switch
  - NOVA **NSE157** : Pump with pulse command and input for level switch



*NSP Line: Backlit, alphanumeric LCD and five-button keypad.  
NSE Line: Three-digit, red LED display and three-button keypad.*

### NOVA NSP LINE

- ◇ Bilingual interface (English + Italian / Spanish / French)
- ◇ Configuration menu with three password-protected access levels
- ◇ Configuration and calibration **data saving on internal memory** for at least 10 years
- ◇ Counters of injected litres, working hours and strokes of the membrane
- ◇ **“Service” menu**
- ◇ **“Autoset” function** for quick configuration
- ◇ **“Reset” function** for restoring factory settings
- ◇ Multifunctional connector for consent / pulse / mA inputs (NSP161)
- ◇ Multifunctional connector for consent / sample water flow control / EcoMode inputs (NSP162 / 163)
- ◇ Input for level switch
- ◇ Optional features: Flow Control input for injection flow monitoring and **self-priming function**; alarm relay or pulse repetition relay; RS485 serial port with **Modbus RTU** communication protocol; **Timer** for dosing events scheduling, with automatic update of summer / winter time
- ◇ Available models:
  - NOVA **NSP161** : Multifunctional pump, which can operate in manual, pulse, automatic, analogic input, duty cycle or batch mode
  - NOVA **NSP162** : Pump with inbuilt pH/ORP meter and electrode input on BNC connector
  - NOVA **NSP163** : Pump with inbuilt chlorine meter and input for CLE11/CLE12 or CLE16 cell



*Easily accessible M8 connectors, moulded on the inclined bottom plane of the pump housing.*



*Special connector for digital communication port, IP68.*



*Model NSP162: BNC connector protected from moisture and aggressive atmospheres.*