

1.6 PRIMA CL - Dosing pump with integrated CL control

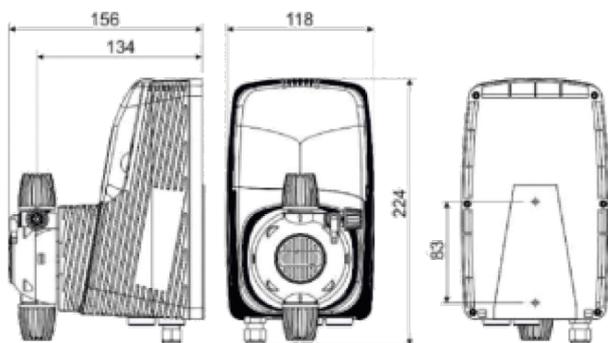
Description

Solenoid driven dosing pump with built-in controller:

- Choose the probe type from three available (4-20mA version • mV version • Pt-Cu version);
- Measurement range selection: 0÷2ppm, 0÷5ppm, 0÷10ppm, 0÷20ppm, 0÷200ppm, 0÷2000ppm;
- Operation proportional to the selected measurement;
- Ready for INHIBIT function;
- Ready for flow sensor;
- Ready for level probe;
- Adjustable OFA (Over Feed Alarm);
- Adjustable low value/high value alarms
- Programming menus available in 7 different languages;
- Power supply: 230Vac or 110Vac 50/60Hz (12Vdc available upon request);
- Dosing pump with IP65 protection rating;
- Wall-mounted with mounting bracket;
- Option to select the desired performance (L, M, H), allowing for high flexibility of use.



Overall dimensions



Technical features

| Standard version | |
|------------------|---------------------|
| Power supply | 230/110Vac 50/60 Hz |
| Pump casing | PP (polypropylene) |
| Pump head | PVDF |
| Diaphragm | PTFE |
| Connection | 1/2" BSPm |
| Balls | Ceramic |
| Seals | FPM |
| Hoses | 4x6 |

EPDM seals are available upon request.

Available Pump Heads

**PVDF
pump head**



**AUTO
Air Bleed**



Compliant standards

| |
|-----------------------------|
| EMC directive |
| Low Voltage Directive (LVD) |
| ROHS Directive |
| WEEE Directive |

Performances

| Code | Solenoid | Performance | Flow rate | Pressure | Strokes/min. | Stroke volume | Consumption |
|-----------------|----------|-------------|--------------------------|----------------------|--------------|------------------------------|-------------|
| | | | lph (gph) | bar (psi) | | ml/colpo (fl.OZ/stroke) | Watt |
| PRIMA12013A2000 | 60 | L | 1 (0,26) 5 (1,32) | 7 (102) 1 (14,5) | 100 | 0,17 (0,006) 0,83 (0,028) | 13 |
| | | M | 3 (0,79) 9 (2,38) | 7 (102) 1 (14,5) | 150 | 0,33 (0,011) 1 (0,034) | 16 |
| | | H | 5,5 (1,45) 10 (2,64) | 6 (87) 1 (14,5) | 180 | 0,51 (0,017) 0,93 (0,031) | 22 |
| PRIMA12023A2000 | 70 | L | 1,8 (0,48) 4 (1,06) | 20 (290) 1 (14,5) | 75 | 0,4 (0,014) 0,89 (0,03) | 18 |
| | | M | 4 (1,06) 7 (1,85) | 12 (174) 1 (14,5) | 120 | 0,56 (0,019) 0,97 (0,033) | 25 |
| | | H | 5,8 (1,53) 14 (3,70) | 9 (131) 1 (14,5) | 180 | 0,54 (0,018) 1,3 (0,044) | 27 |
| PRIMA12033A2000 | 80 | L | 4 (1,06) 10 (2,64) | 20 (290) 1 (14,5) | 150 | 0,44 (0,015) 1,11 (0,038) | 24 |
| | | M | 6,5 (1,72) 13 (3,43) | 12 (174) 1 (14,5) | 200 | 0,54 (0,018) 1,08 (0,037) | 27 |
| | | H | 13,5 (3,57) 20 (5,28) | 5 (72,5) 1 (14,5) | 300 | 0,75 (0,025) 1,11 (0,038) | 35 |

The indicated performances refer to tests carried out with water at room temperature.

Accessories Supplied

| Foot filter | Injection valve | 2+2m PVC hose | 2m PE hose | Fixing bracket | Wall plugs + Screws. |
|---|---|---|---|---|---|
|  |  |  |  |  |  |

Spare parts

| Code | Description |
|-------------|---|
| ADSP900PI05 | PVDF-CE-FPM ½" BSPm Pump head |
| ADSP900PI06 | PVDF-CE-EPDM ½" BSPm Pump head |
| ADSP9005P12 | PVDF-CE-FPM suction-delivery valve kit |
| ADSP9005P13 | PVDF-CE-EPDM suction-delivery valve kit |
| ADSP6200031 | PVDF-PTFE-FPM ½" BSPm Injection valve |
| ADSP6200032 | PVDF-PTFE-EPDM ½" BSPm Injection valve |
| ADSP6000028 | PVDF-PTFE-FPM Foot filter |
| ADSP6000029 | PVDF-PTFE-EPDM Foot filter |
| ADSP9200001 | PTFE diaphragm |