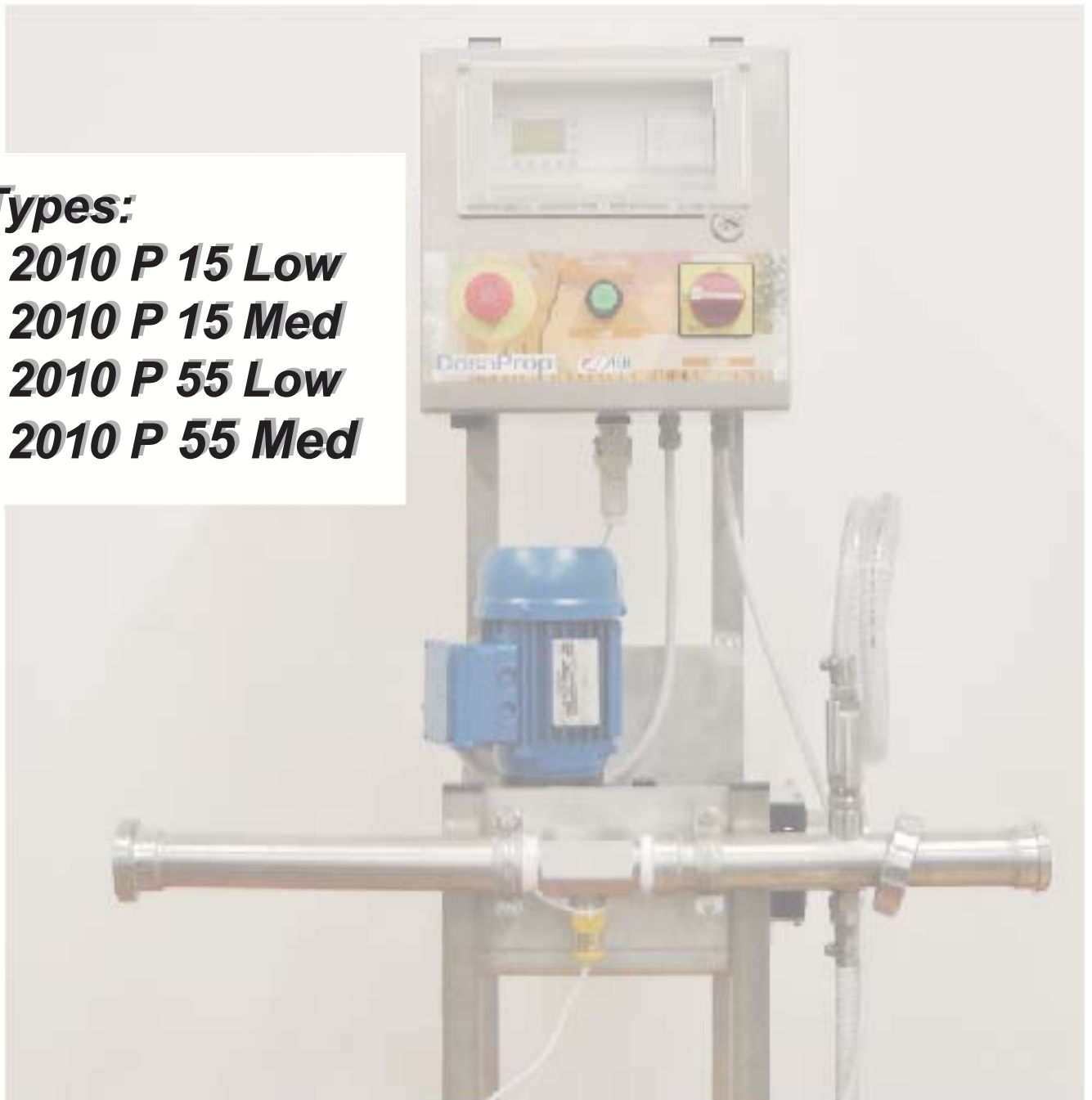


DosaProp®

on line proportional doser

Types:

- **2010 P 15 Low**
- **2010 P 15 Med**
- **2010 P 55 Low**
- **2010 P 55 Med**



On line proportional doser

DosaProp® facilitates the on-line addition of liquid agents, proportional to the flow of the liquid, and ensures their perfect homogenization. Its working is based on a sensor which registers the quantity of liquid flowing inside the pipe, and which sends to the dosing system the impulse for the addition.

Control system

It is composed by a Mitsubishi Electronic micro-PLC that, thanks to a special control panel, enables to set the product's dosage.



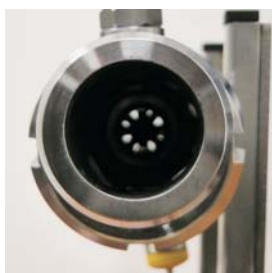
Flow sensor

Stainless steel flow sensor with axial turbine.

Stainless steel body (304-316) with stainless steel conveyors. It is indicated for the measurement of liquids at high working pressures.

It is coupled with a square-wave sensor, 30 mA.

All materials are certified for food use and studied for any system of chemical detersion.



Piston dosing pump

The piston system, thanks to a perfect size, enables a precise dosing at any volume of liquid one wants to introduce. The pumping head is totally built in stainless steel 316 and resists to any product, both alkaline and acid; the pump is easy to be cleaned and sanitized.

Technical characteristics:

The pump is composed by two parts, the motor and the pumping head:

- The mechanism of the dosing pump is eccentric and the disk with spring return, contained in an aluminium carter in oil bath
- The pumping head is in stainless steel AISI 316
- The seal on the piston is automatic in stainless steel AISI 316

Model 15 L/h
piston diameter 17
piston race min 78
flow L/h 15
max. pressure bar 17 psi 246,5
three-phase motor 0,17 Kw

Model 55 L/h
piston diameter 38
piston race min 58
flow L/h 55
max. pressure bar 17 psi 246,5
three-phase motor 0,25 Kw



Equipment

The equipment is composed by:

- Control system for dosage and settings
- Dosing pump
- Flow sensor
- Injection tube

Tube in stainless steel 316 with a length of 50 cm with flow sensor and injector with non-return valve.

Technical specifications

Model:

DosaProp® 2010 P 15 Low

Adjustable dosage: from 0,20 g/L to 10 g/L

Detectable flow: from 10 L/min to 100 L/min

model Low

Quantity of dosable product: from 2 to 15 L/h

Max. operating pressure on the line: 17 bar

Working temperature: from - 3°C to 80°C

Technical specifications

Model:

DosaProp® 2010 P 15 Med

Adjustable dosage: from 0,20 g/L to 10 g/L

Detectable flow: from 30 L/min to 350 L/min

model Med

Quantity of dosable product: from 2 to 15 L/h

Max. operating pressure on the line: 17 bar

Working temperature: from - 3°C to 80°C

Technical specifications

Model:

DosaProp® 2010 P 55 Low

Adjustable dosage: from 0,20 g/L to 10 g/L

Detectable flow: from 10 lt/min to 100 lt/min

model Low

Quantity of dosable product: from 7 to 55 L/h

Max. operating pressure on the line: 17 bar

Working temperature: from - 3°C to 80°C

Technical specifications

Model:

DosaProp® 2010 P 55 Med

Adjustable dosage: from 0,20 g/L to 10 g/L

Detectable flow: from 30 L/min to 350 L/min

model Med

Quantity of dosable product: from 7 to 55 L/h

Max. operating pressure on the line: 17 bar

Working temperature: from - 3°C to 80°C

Dosage system:

it is completely composed in stainless steel, equipped with supporting structure, possibility to anchor it to the wall.

