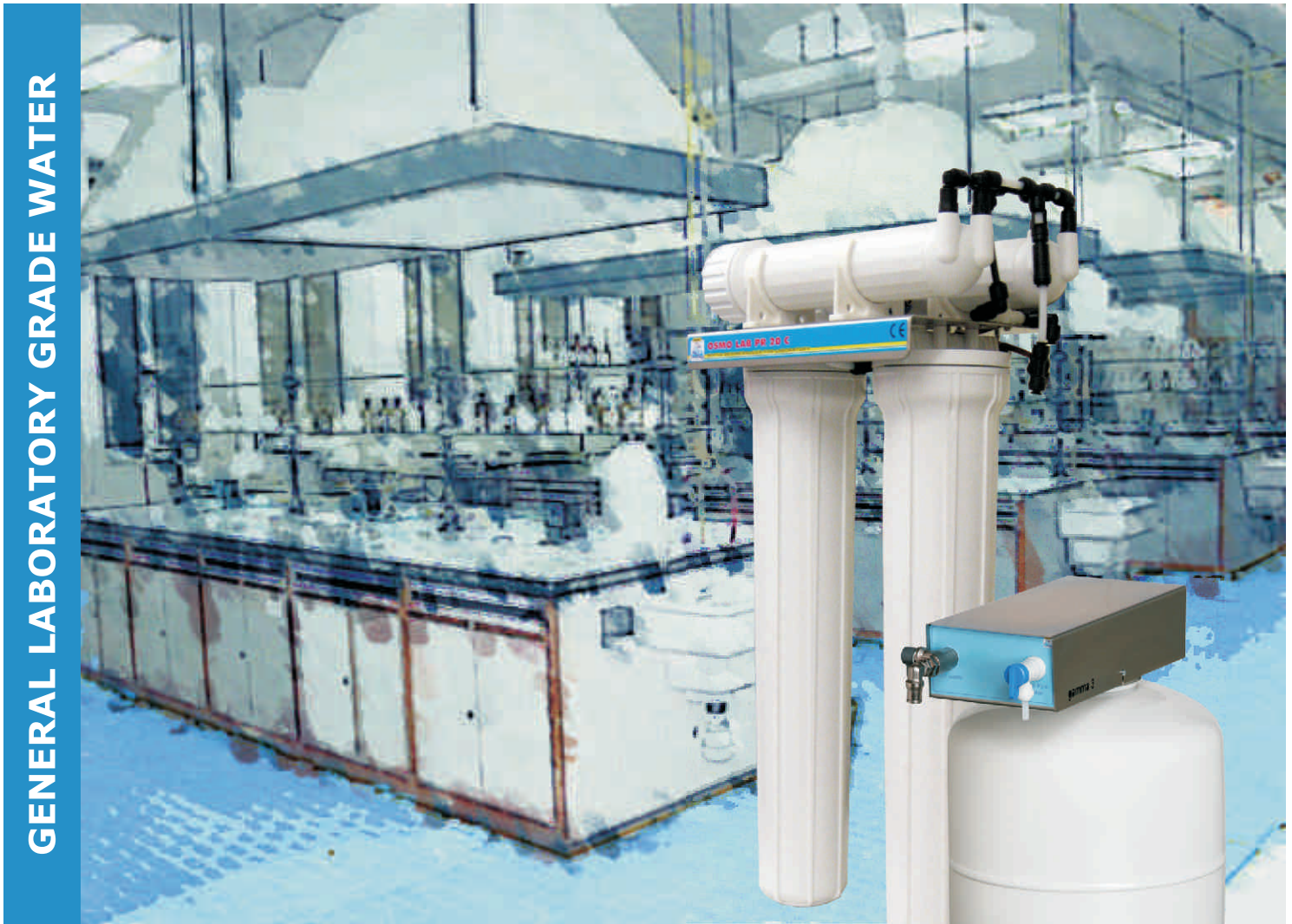


GENERAL LABORATORY GRADE WATER



OSMO LAB pr 20

LABORATORY DEIONIZER



OSMO LAB pr 20

When you need to have more scope available

OSMO LAB pr 20 is designed to produce pure water grade 3 from tap water. OSMO LAB pr 20 has 2 osmosis membranes and therefore can guarantee a high production work with despite the pressure of 'waterworks.

The size of the cartridge pre-filter and resin allows excellent autonomy before replacement.

Careful use of space

In modern laboratories the spaces available are increasingly reduced, so we thought OSMO LAB pr 20 so that it can be easily accommodated even in places not very accessible (inside furniture, wall hanging, local secondary). The user will have available on the bench working on tank pressure, with a reserve of 9-10 liters of water and on which there are 2 dispensers for the differential sampling of purified or pure grade 3. You can also optionally connect 2 or more storage tanks also distant among them, OSMO LAB pr 20 manage them automatically.



Water of good quality with low production costs

OSMO LAB pr 20 is able to produce demineralised water with purity usually above the minimum standards required for grade 3, however, keeping production costs low because OSMO LAB pr 20 is directly fed with water of waterworkr, without normally pre-treatment details; also uses purified water for laboratory assistant is produced only by a method for reverse osmosis (without material consumption for demineralization) and finally pure water GRADE 3 is obtained with resins of high purity, and these volumes to allow high-performance cycles of demineralization and higher production of 1000 liters per charge *.

(*) The length of the cartridges of resin depends on the quality of feed water

2 TYPES OF WATER STILL AVAILABLE:

- ↗ purified water for technical uses
- ↗ pure water GRADE 3 (conf. ISO 3696)

4 PURIFICATION STAGES

- ↗ sediment micro filter
- ↗ reverse osmosis
- ↗ mixed bed ion exchange resins
- ↗ anti bacteria micro filter 47 mm (opzional)

CONTINUOUS MONITOR OF WATER PRODUCED

- ↗ El. conductivity water product at 5 led

Storage tank lt 25, 50, 100 PE HD
Pressure storage tank lt 19



filter holder for anti bacteria membranes 47 mm 0,2mcr



Disposable bags lt demineralized water 1.5 port

OPTIONALS

Feed water requirements

- TDS	max 1000 ppm
- HD	max 35°F
- iron	max 100 ppb
- Manganese	max 5 ppb
- chlor	max 0,1 ppm
- Tot. Bacteria	max 5 UFC/ml
- SDI	< 5
- pressure	min 2,0 bar max 4,5 bar
- temperature	min 5 °C max 35 °C

Technical features

- Produced water	6-8 lt/h
- Electric power	220V AC
- Hydraulic connect.	IN 1/4" OUT 6/4 DRAIN 6/4

Dimensions

Purif stage	Le 35 cm De 18 cm H 75 cm
Serb. acc. PRESS.	Di 28 cm H 43 cm

QUALITY STANDARD

↗ ISO 3696	grade 3
↗ ASTM	Type III
↗ NCCLS (with anti bacteria filter)	Type III
↗ EP/USP(with anti bacteria filter)	conform

EL. SPEC. CONDUCTIBILITY 25°C 0,2-3 µs/cm