



## M1100 Luminesan oksijen sensörü, hatta monte edilebilir, 0-2000ppb, 12mm PG-13.5 bağlantı elemanı ile

Ürün Numarası: M1100-S10

TRY Fiyat: Bize Ulaşın

Teslimat tarihi için arayın

### M1100 Luminesan Çözünmüş Oksijen Sensörü ile birada oksijen ölçümü yapabilirsiniz.

Sensor for the determination of dissolved oxygen (DO) in beer (bypass) and de-aerated water.

The M1100 Oxygen sensor has an unbeatable precision of 0.8 ppb and a limit of detection of 0.6 ppb. Such accurate measurement readings are essential to control low oxygen levels in beer.

The absence of membrane and electrolyte means that the sensor accuracy is unaffected by process changes or pressure shocks. Maintenance and operating costs are also reduced. The sensor has been designed to ensure mechanical robustness and resistance to CIP processes to extend operational lifetime and optimise its total cost of ownership.

The quick response time comes from a two second measurement frequency. Capable of measuring accurately at this frequency over a 12 month period.

#### Minimum kayma ve yıllık kalibrasyon

The M1100 sensor provides immediate oxygen readings with a measurement frequency of two seconds. The instrument carries consistent readings with no drift for 12 months without calibration (when utilising standard weekly CIP processes), surpassing other optical sensors that display significant drift after only a few months in similar conditions.

#### Yüksek hassasiyette, ppb mertebesinde oksijen ölçümü

The M1100 pioneered the use of luminescent technology in brewing applications (bypass) and as a result, the sensor doesn't require the replacement of membranes or any electrolytes. Additionally, the sensor's accuracy is unaffected by process changes or pressure shocks, further reducing maintenance. Annual maintenance is limited to just a few minutes for a zero-point calibration. Chemicals are not required for this process, making the task easier and safer without reducing measurement precision.

#### Membran ve elektrolit olmayan, dayanıklı optik teknoloji

The M1100-L sensor has a lower detection level of 0.6 ppb. This highly accurate instrument's readings are essential to control low oxygen levels in beer production, to decrease unnecessary line stoppages, and to increase production uptime.

#### Düşük maliyetli yükseltme paketi

The M1100-H sensor has a range of 0-40 ppm, and is ideal for use in wort applications, for example. Even in this harsh wort environment, the instrument maintains very good accuracy and minimal drift. Only a yearly maintenance and calibration will be required in most cases.

### Teknik özellikler

Ağırlık:	M1100 12mm : 0,6 kg
	M1100 28mm : 0,74 kg
Akış hızı:	50 - 300 mL/min
Akış Hızı:	K/M 1100 sensör ml/dak
Bağlantı elemanı:	12 mm fitting
Doğruluk:	± 0,8 ppb veya 2 % hangisi büyükse

Ekran çözünürlüğü:	0.1 ppb
En küçük saptama limiti:	0,6 ppb
Garanti:	24 aylar
Güç kaynağı:	Evrensel 85-264 VAC @, 25 VA, 10-36 VDC, 25 W,
İşletme koşulları:	0 - 95 % non-condensing relative humidity
Kalibrasyon:	Tek nokta sıfır kalibrasyonu
Kutudakiler:	Sensor only and manual.
	Controller, sensor cable, flow-chamber or process connection must be ordered separately.
Malzeme:	316 L Stainless Steel (1.4435), Silicone
Muhafaza IP sınıfı:	Sensor resistant to all common CIP methods
Numune basıncı:	1 - 20 bar mutlak (14,5 - 290 psi)
Numune ile temasta olan malzemeler:	316 L Stainless Steel (1.4435), Silicone
Ölçüm aralığı:	0 - 2000 ppb DO (dissolved oxygen)
Ortam sıcaklığı:	-5 - 100 °C (23 - 212 °F)
Parametre:	Oxygen
Sertifikalar:	2004/108/EC - EN 61326-1
Sıcaklık aralığı:	Accurate from -5 - 50 °C (23 - 122 °F)
	Resistant - temperature from -5 - 100 °C (23 - 212 °F)
Tekrarlanabilirlik:	± 0,8 ppb veya 2 % hangisi daha büyükse
Tepki süresi:	(90%)< 10 (газова фаза)
Uygulama:	Beverage (bypass)

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## Kutudakiler

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## Gerekli Aksesuarlar

- Orbisphere 410/510 cihazlarını M/K tipi sensöre bağlamak için sensör kablosu (5 m) (Item 32510.05)