

### BOD systems, BOD Sensor System 6 and 10



- Complete system for BOD analysis
- Analysis performed over weekends: the BOD sensor automatically stores five BOD measurements at 24hr intervals

The BOD Sensor Systems comprise of a six or ten position stirring unit complete with BOD sensors, alkali holders for absorbing the carbon dioxide and stirring bars.

The instrument represents a complete solution for the user. It is immediately operational for measuring the BOD on four scales 90ppm, 250ppm, 600ppm and 999ppm. The sample quantity to be examined varies from 100mL to 400mL, the bottle's total capacity being 500mL. The compact, easy to handle design means that six or 10 BOD bottles can be housed in a small amount of space. Features a stirring system offering non stop operation without the risk of shut off or overheating.



Catalogue No	Legacy No	Alt. No	Description
12754536	-	F10220136	BOD sensor system, 6 place
12764536	-	F10220137	BOD sensor system, 10 place

#### Accessories

Catalogue No	Legacy No	Alt. No	Description
11781864	-	A00000135	BOD sensor check
11771864	-	A00000136	Control test tablets

### BOD system, wireless data transmission, EVO sensor system 6



The BOD EVO sensor is the unique and revolutionary wireless sensor, able to transfer data to the dedicated software BODSoft™ for data management and reporting.

- Mercury free and intuitive, BOD EVO sensor ensures an outstanding reliability as there is no need to open the door of the incubator thus eliminating the risk of internal temperature variations
- The sensor measures the BOD value directly in mg/L with no need of further calculation and the results are immediately sent to the PC (real time monitoring on the sensor display is still possible)
- BOD EVO sensor has an extremely compact profile and is easy to handle, manufactured using the most modern and advanced construction techniques, it fits directly on the bottle containing the sample
- Measurement is available on 4 different scales: 90ppm, 250ppm, 600ppm and 999ppm BOD (higher values can be measured by diluting the sample)

BOD EVO sensors transfer the BOD value to the Wireless DataBox™ automatically, the results are shown through the user friendly BODSoft™. The exclusive wireless data transmission from the BOD EVO sensor to the Wireless DataBox™ can be set at selected intervals; the BOD EVO Sensor automatically stores the most recent values. Data transmission is ensured even when the Wireless DataBox™ is not connected to the PC, the Wireless DataBox™ can store unlimited results for up to 80 samples.

BOD EVO Sensor System 6 is a complete package for BOD analysis and is ready to use, it includes the 6 position stirring station with BOD EVO sensors, dark glass bottles, alkali holders for absorbing carbon dioxide and stirring bars.



#### Technical Specification

Display	Real time data reading, mg/L (ppm)
Data storage method	BOD <sub>5</sub> : every 30min/1hr/2hr/4hr/6hr/8hr/12hr/24hr Longer tests: every 2hr/4hr/6hr/8hr/12hr/24hr
Scale	BOD, ppm: 90, 250, 600, 999
Dimensions [w x d x h], mm	270 x 295 x 185
Mass, kg	2.3
Electrical supply	230V, 50/60Hz, 2W

Catalogue No	Legacy No	Type	Description
13575360	-	BOD EVO sensor system 6	Supplied with BODSoft™, wireless DataBox™ and cable