BOD Sensor
(Biochemical Oxygen Demand Sensor)

The BOD Sensor manometric equipment has been developed by VELP according to international safety rules for workers and environment protection. An innovative, microprocessor controlled electronic measuring system (without mercury) allows BOD (Biological Oxygen Demand) determinations by manometric technique. The BOD Sensor has an ergonomic design developed and optimized for ease of use, easy reading and data retrieval. It is produced with the most advanced manufacturing techniques.
The unit is placed on the sample bottle and, using a pressure sensor and electronics, shows the actual BOD values.

Rowe Code: TBA

Five BOD values are memorized at 24 hour intervals allowing determinations over week ends.

At any time the current BOD value can be shown on the display, or after the standard 5 days period. The BOD Sensor has no external electric connection.

Single Test Set

This simple configuration is intended to meet the requirements of those labs where just single measurements are required.

The BOD Sensor set is composed of a BOD Sensor, a bottle, an alkali holder and a magnetic bar.

The recommended magnetic stirrer to use with this set is the VELP MST.

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System 6, System 10

The BOD Sensor Systems 6 and 10 are composed of a 6 or 10 place stirring group with 6 or 10 BOD Sensor units, 6 or 10 alkali holders for carbon dioxide absorption, and 6 or 10 stirring bars. This offers users a complete setup for measuring BOD values within four scales, up to 90, 250, 600, 999 ppm, or to higher values after dilution. The epoxy painted stainless steel structure gives the equipment a strong resistance to chemical corrosion. The compact design allows the simultaneous operation of 6 or 10 BOD bottles in a reduced space.
Two side embedded handles allow easy placement removal of the equipment into/from a refrigerated thermostat. The robustness of the stirring motor assures continuous operation without risk of stopping or overheating which could alter the results of the BOD determination.

ROWE CODE	ITEM
IB6000	BOD System 6
NV4100	BOD System 10

Refrigerated Incubator VELP
Model FTC90

A small dimension refrigerating incubator purposely built for the incubation of a manometric BOD measurement unit, either the 6 or 10 bottles version.
The uniform distribution of temperature inside the incubator is obtained by forced circulation of air.

Volume 90 litres
Temperature setting 20°C +/- 0.5
Power 150W

Rowe Code: II1640