

BOD (Biological Oxygen Demand)



Camlab CW7000 Direct Reading BOD Measurement System

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The CW7000 sensor system is a six sample system that allows precise measurement of BOD based on the manometric principal. Manometric respirators relate oxygen uptake to the change in pressure caused by oxygen consumption while maintaining a constant volume. The modern integral pressure sensors used eliminate the need for mercury.

Features:

- Direct display of BOD in mg/l.
- User friendly handling.
- User selectable measuring period of 1 to 28 days.
- Automatic start function.
- Automatic storage of BOD values.
- Mercury free.
- Each position is independent.

SPECIFICATIONS

Ranges	0-40, 0-80, 0-200, 0-400, 0-800, 0-2000, 0-4000mg/l
Accuracy	0.5% full scale at 20°C
Applications	BOD5, BOD7, OECD301F
Measurement parameter displayed	BOD range, volume, duration of time of measurement
Measurement period	1 to 28 days user selectable
Auto result storage	Up to 28 days depending on measurement period
Auto start function	After temperature equalisation of samples. Can be switched off.
Class	IP54 (sensor head)
Dimensions (l x w x h)	375 x 195 x 230mm (including stirring unit)

Camlab CW7000 Direct Reading BOD System complete with six sensor heads, stirring unit, six sample bottles, six rubber gaskets, six magnetic stirring rods, 157ml sample flask, 428ml sample flask, potassium hydroxide, nitrification inhibitor and instructions.

Reference: CW/2.44.44.06 £1226.00

Camlab CW7000 Direct Reading BOD System as above but with 12 sensor heads.

Reference: CW/2.44.44.10 £2149.00

Complete set of sample flasks.

Reference: TT/41.86.54 £100.00

Spare sensor head.

Reference: TT/2.44.44.30 £185.00

BOD sample bottle, brown glass, pk6

Reference: TT/41.86.45 £22.40