

Water Testing

BOD System, BD600

Lovibond®

A 6-sample, mercury-free, precision BOD measurement system based on the manometric principle.

- ◆ Direct display of BOD values ranging from 0 to 4000mg/l
- ◆ User-selectable measuring period from 1 to 28 days
- ◆ Applications: BOD₅, BOD₇, OECD 301F
- ◆ Large, graphical display, USB and SD card ports and optional Bluetooth® wireless output using accessory dongle
- ◆ Non-wearing, inductive, magnetic stirring system for the sample vessels
- ◆ User-selectable, automatic start function when used in an incubator, readings commence when sample temperature matches the cabinet internal temperature

Ranges	mg/l O ₂	0 to 40, 0 to 80, 0 to 200, 0 to 400, 0 to 800, 0 to 2000, 0 to 4000
Measurement period		1 to 28 days
Result memory		up to 28 results, depending on measurement period selected
Sampling interval	hours	1 (1 day measurement period) 2 (2 day measurement period) 24 (3 to 28 day measurement period)
Power		3 x 1.5V type C batteries - sensor 110-240V 50/60Hz - stirrer system
Overall, W x D x H	mm	181 x 375 x 230
Weight	kg	5.8

Supplied with 6 sensor heads, control unit with 3 x 1.5V batteries, inductive stirring unit with a.c. adapter for 110-240V 50/60Hz single phase supplies, 6 sample bottles with seals and stirring bars, 1 each 157ml and 428ml overflow measures (0 to 400mg/l and 0 to 40mg/l BOD ranges), one each bottles of potassium hydroxide (CO₂ absorbent) and nitrification inhibitor solutions, and instructions.

WR245-20 BD600, 6-sample

Spares and accessories

- WR247-05** Spare BOD sample bottle
- WR247-15** Accessory Bluetooth® dongle for wireless download of results
- BL610-20** Spare 1.5V battery (3 required)

Overflow Measures

	Volume, ml	BOD range, mg/litre O ₂
WR247-20	428	0 to 40
WR247-22	360	0 to 80
WR247-24	244	0 to 200
WR247-26	157	0 to 400
WR247-28	94	0 to 800
WR247-31	56	0 to 2000
WR247-33	21.7	0 to 4000



WR245

Samplers



TeleScoop Sample Dippers

Modular system featuring telescopic sampling rods in corrugated aluminium for lightness with rigidity, with snap-on fitment at the end for attaching accessory PP angular or pendulum beakers in a choice of volumes. Angular beakers can be adjusted to a wide variety of positions and pendulum beakers swing to an upright position.

SD065-10 Sampling rod, 0.65 to 1.2 metres

SD065-20 Sampling rod, 0.95 to 2.8 metres

SD065-25 Sampling rod, 1.15 to 3.0 metres

SD065-30 Sampling rod, 1.25 to 2.5 metres

SD065-40 Sampling rod, 1.65 to 4.5 metres

SD065-50 Sampling rod, 1.74 to 6 metres

SD065-53 Angular beaker, PP, 600ml

SD065-56 Angular beaker, PP, 1000ml

SD065-59 Angular beaker, PP, 2000ml

SD065-72 Pendulum beaker, PP, 600ml

SD065-75 Pendulum beaker, PP, 1000ml

SD065-78 Pendulum beaker, PP, 2000ml

SD065-79 Pendulum beaker, stainless steel, 1000ml

SD065-84 Bottle holder for bottles up to 750ml*

SD065-87 Metal cup, 1000ml

SD065-90 Surface net, PVC/PA, 310 x 280mm L x W
2.5 to 5mm mesh

SD065-95 Depth net, PP/PA, 190 x 430 x 250mm L x W x D
2.5 to 5mm mesh

*Bottles - see BR767 series.

Full details of these products can be found in the Samplers section.



SD065-53 to SD065-59



SD065-72 to SD065-78



SD065-10 to SD065-50