



BOD Direct Plus

Product #:

LQV166.98.00001 **Hazardous**

AED Price:

Contact Hach



BOD Direct Plus: Be in direct control of your BOD measurements

Respirometric BOD measurement unit with a large graphical display and stirrer with electronic pressure sensors for up to 6 bottles.

Brilliant user experience

With the large and brilliant graphical display with detailed menu functionality, you can quickly and easily navigate through and measure the BOD. All in one device.

Individual monitoring and programming of samples

With LED lighting on the head of each sample bottle along with individual programming of the samples, you are always in control of how the BOD is developing for each individual sample.

Improved and comfortable data transfer with energy management

With two USB interfaces and one SD card interface, you now have multiple options of data transfer for further analysis. The BOD Direct Plus comes also with a mains power supply option (along with batteries) for permanent stability of power supply.

Specifications

Application:	BOD ₅ , BOD ₇ , OECD 301 F, etc.
Automatic shutdown:	Can be switched off; controlled by pressure drop in the bottle
Certifications:	CE, EMC in accordance with DIN EN 61326, basic requirements
Data storage:	Automatic storage up to 672 results, depending on measurement period
	Storage intervals:
	First day - hourly
	Second day - every 2 hours
	Third day and later - every 24 hours
Dimensions:	(H x W x D) 230 mm x 181 mm x 375 mm (including stirrer unit)
Display:	Graphic display, 16 grey levels, 240 pixels wide, 128 pixels high
Environmental conditions: relative humidity:	5 - 80 % relative humidity (non-condensing)
Environmental conditions: temperature:	2 - 40 °C
Input (voltage):	10 - 240 V, 50/60 Hz
Inputs:	1500 mA
Interface:	USB host (only for USB stick), USB device, SD card

Internal clock:	Real-time clock, supported by the batteries if the device is not provided with an external power supply
Measuring principle:	Respirometric; electronic pressure sensor
Measuring range:	0 - 40, 0 - 80, 0 - 200, 0 - 400, 0 - 800, 0 - 2000, 0 - 4000 mg/L O ₂
Power supply:	Batteries: 3 alkali-manganese cells, type C / LR14 External: 15 V DC via supplied mains adapter plug, low-voltage barrel connector, max. power requirement 600 mA
Protection class:	Sensor head: IP54
Stirring Speed:	320 rpm, brief centring phase every 40 s
Warranty:	24 months
Weight:	4.1 kg with batteries and empty bottles, without mains, adapter plug, and stirrer drive
What's included?:	BOD Direct Plus Instrument, Power Supply, Bottles, USB Cable, Stirring Bars

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