VELP Scientifica BOD & Respirometers Solutions

		 BOD Sensor Set	 BOD Sensor System 6	 BOD Sensor System 10	 RESPIROMETRIC Sensor System 6	 RESPIROMETRIC Sensor System 6 Maxi	 RESPIROMETRIC Sensor System 6 for plastic biodegradability	 RESPIROMETRIC Sensor System 6 for soil analysis
Real Time Data Reading		On Display	On Display	On Display	On Display On RESPIROSoft™ On Ermes	On Display On RESPIROSoft™ On Ermes	On Display On RESPIROSoft™ On Ermes	On Display On RESPIROSoft™ On Ermes
Display		3 digits LED	3 digits LED	3 digits LED	4 digits LED	4 digits LED	4 digits LED	4 digits LED
PC Data Reading		-	-	-	•	•	•	•
Connettività		-	-	-	Ermes via Wi-FI / RESPIROSoft™ via USB	Ermes via Wi-FI / RESPIROSoft™ via USB	Ermes via Wi-FI / RESPIROSoft™ via USB	Ermes via Wi-FI / RESPIROSoft™ via USB
Test typology		BOD5	BOD5	BOD5	BOD, Pressure*	BMP, Pressure*	Pressure*	Pressure*
Pressure range		-	-	-	500÷2000 mbar (hPa)	500÷2000 mbar (hPa)	500÷2000 mbar (hPa)	500÷2000 mbar (hPa)
Measuring period		5 days On sensor	5 days On sensor	5 days On sensor	BOD: from 5 to 30 days Pressure mode: from 1 to 180 days	BMP: from 10 to 60 days Pressure mode: from 1 to 180 days	Pressure mode: from 1 to 180 days	Pressure mode: from 1 to 180 days
Scales (ppm BOD)		90, 250, 600, 999 Higher values after dilution	90, 250, 600, 999 Higher values after dilution	90, 250, 600, 999 Higher values after dilution	90, 250, 600, 999, 4000 Higher values after dilution	-	-	-
Supplied with	Sensor	1	6	10	6	6	6	6
	Bottle volume	500 ml	500 ml	500 ml	500 ml	1000 ml	1000 ml	1000 ml
	Alkali Holder	1	6	10	6	6	6	6
	Stirring Bar	1	6	10	6	6	6	-
	Stirring Station	-	6-position	10-position	6-position	6-position	6 position (Multistirrer Digital)	-
Dimensions (WxHxD) mm		75x230x75	270x300x185	432x300x165	270x300x185	432x360x220	230x360x370	-
	(in)	(3.0x9.3x3.0)	(10.6x11.8x7.3)	(17.0x11.8x6.0)	(10.6x11.8x7.3)	(17.0x14.2x8.7)	(9.0x14.2x14.4)	-
Weight	Kg	0.4	3.4	6.5	1	3	1.75	-
	(lb)	(0.9)	(7.5)	(14.5)	(2.2)	(6.6)	(3.8)	-
Power Supply		2 lithium batteries	230 V / 50-60 Hz 115 V / 60 Hz	230 V / 50-60 Hz 115 V / 60 Hz	230 V / 50-60 Hz 115 V / 60 Hz	230 V / 50-60 Hz 115 V / 60 Hz	100-240V / 50-60 Hz	2 lithium batteries
Power		-	2 W	2 W	2 W	2 W	3,6 W	-

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**The sensor can perform BOD/BMP/PRESSURE*