40 BOD/Respiration

BOD/Respiration

Dilution BOD, BOD self-check measurement, Respiration, Biogas determination

Composition of complete packages



Application Range					
	OxiTop®-i	OxiTop®-IDSwith Multi 3620 IDS/Multi 3630 IDS			
Application	BOD routine	BOD routine, standard and BOD special, Respiration/Dilution, Soil respiration, Biodegradability, Biogas determination			
BOD range	0 -4,000 mg/l	0 -400.000 mg/l			
Measured value memory	1 –7 days	0.5 h –180 days			
Pressure mode	_	Pressure p 500 –1.350 hPa (1500 hPawith OxiTop®-IDS/B measuring head)			
Sample volume	Fixed	Fixed and definable			

	complete pa	<u> </u>			
	OxiTop®-i	OxiTop®-IDS			
Accessories	IS 6/ IS 12	SET6 / 12	B6 / B6M / B6M 2.5	A6 /A12	AN6 / AN12
Vessels including adapters	Bottle PF 600, amber, 510 ml, rubber sleeve	Bottle PF 600, amber, 510 ml, rubber sleeve	Bottle PF45/500 with adapter AD/SK / ves- sel MG 1.0/ MG 2.5	Bottle PF45/1000 with adapter AD/SK / Bottle PF45/250 with adapter AD/SK	Bottle MF45/1000 / Bottle MF45/250
Units	6 / 12	6 / 12	6/6/6	6 / 12	6 / 12
Measuring heads	OxiTop®-i	OxiTop®-IDS	OxiTop®-IDS	OxiTop®-IDS	OxiTop®-IDS/B
Stirring platforms	IS 6/IS 12	IS 6/IS 12	 	IS 6-Var/IS 12	IS 6-Var/IS 12
IDS Multi-parameter instrument including IDSM WLM-M module, software and cable	_	Multi 3620 IDS Set WL/Multi 3630 IDS SETWL, please order separately			
CO ₂ Absorbent					
Nitrification inhibitor					
Overflow measuring flasks	164/432 ml	164/432 ml	_	_	_
Stirring bars	6/12	6/12		6/12	6/12
Stirring bar remover					
1 year guaranty for defects of quality on all sensor heads.					

Model		Description	Order No.			
Benchtop Meters for BOD/F	Respira	tion				
inoLab®Oxi 7310		Professionaldissolved oxygen meter, menu controlled, for measurements / documentation according GLP/AQA. For AC and battery operation. Meter with universal power supply, stand and operation manual, software and USBcable.	1BA300			
inoLab®Oxi 7310P		Professionaldissolved oxygen meter, menu controlled, for measurements / documentation according GLP/AQA, with integrated thermal printer. Meter with universal power supply, stand and operation manual, software and USB cable.	1BA300P			
inoLab®Oxi 7310 SET1		Professional dissolved oxygen meter, menu controlled, for measurements / documentation according GLP/AQA. Set including galvanic D.O. sensor. Meter with universal power supply, stand and operation manual, galvanical D.O. sensor CellOx®325, abrasive foil, electrolyte, cleaning solution, replacement caps, CD-ROM incl. Software, USB cable.	1BA301			
inoLab®Oxi 7310 SET4		Professional dissolved oxygen meter, menu controlled, for measurements / documentation according GLP/AQA. Set including galvanic D.O. sensor. Meter with universal power supply, stand and operation manual, self stirring galvanic D.O. sensor StirrOx®G, abrasive foil, electrolyte, cleaning solution, replacement caps, CD-ROM incl. Software, USB cable.	1BA304			
BOD Sensors and Accessori	ies					
StirrOx®G		Self-stirring oxygen sensorfor determination in Karlsruhe bottles and Winkler bottles with OxiCal®-STcalibration and storage vessel,3 exchange membrane heads, cleaning solution, electrolyte and abrasive foil.	201425			
KF 12		Karlsruhe bottles, incl. 60 mm ground stoppers suitable for BOD determination. Minimum order 10 bottles.	205700			
TS 19		Funnel set for BOD determination in NS 19 Winkler bottles.	205710			
FD 19/KA		Fixing cover for Karlsruher bottle KF 12.	205711			
FR 19		Fixing ring, recommended for measurements in Karlsruhe bottles for CellOx®325 or FDO® 925	205712			
RZ 300		Attachment stirrer for constant approach flow in combination with a magnetic stirrer. For CellOx $\$325$, FDO $\$925$.	203824			
OxiTop®-i Self Check (effect	tive fro	m February 2019)				
OxiTop®-i IS 6	New	BOD instrument for self-checkwith 6 measuring units, with direct display of the BOD value at the measuring head, universal power supply 100 to 240 VAC, 50/60 Hz; accessories:see table Composition of complete packages.	208260			
OxiTop®-i IS 12	New	BOD instrument for self-checkwith 12 measuring units, with direct display of the BOD value at the measuring head, universal power supply 100 to 240 VAC, 50/60 Hz; accessories:see table "Composition of complete packages".	208262			
OxiTop®-IDS for Self Check	(effecti					
OxiTop®-IDS Set 6	-	Respirometric measuring system for aerobic measuring, also for BOD self check measurements, 6 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories:see table "Composition of complete packages",incl. stirring platform IS6.	209710			
OxiTop®-IDS Set 12	New	Respirometric measuring system for aerobic measuring, also for BOD self check measurements, 12 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories: see table "Composition of complete packages", incl. stirring platform IS12.	209712			
OxiTop®-IDS IS 6	New	Extension set for respirometric aerobic OxiTop®-IDS measurement systems (also for BOD self check measurements), stirring platform IS 6 for 6 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz; accessories: including 6 sample bottles, 6 OxiTop®-IDS measuring heads, 6 rubber sleeves and 6 magnetic stirring bars.	209714			
OxiTop®-IDS IS 12	New	Extension set for respirometric aerobic OxiTop®-IDS measurement systems (also for BOD self check measurements), stirring platform IS12 for 12 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz; accessories: including 12 sample bottles, 12 OxiTop®-IDS measuring heads, 12 rubber sleeves and 12 magnetic stirrer bars.	209716			
OxiTop®-i Accessories						
OxiTop®-i SET2	New	SETfor 2 measuring units, complete with 2 OxiTop®-i measuring heads (1 x blue, 1 x grey), including 2 sample bottles PF600,2 rubber sleeves GK 600 and 2 magnetic stirring bars RST600.	208264			
OxiTop®-i SET 6	New	SETfor 6 measuring units, complete with 6 OxiTop®-i measuring heads (3 x blue, 3 x grey), including 6 sample bottles PF600,6 rubber sleeves GK 600 and 6 magnetic stirring bars RST600.	208266			
OxiTop®-i G	New	OxiTop®-i measuring head (grey), menu-operated, with backlit graphic LCD, control LED, operating buttons, for direct BOD readings, volume pre-selection, measurement duration between 1 and 7 days selectable, display of measuring curve, display of current readings.	208270			
ОхіТор®-і В	New	OxiTop®-i measuring head blue, menu-operated, with backlit graphic LCD, control LED, operating buttons, for direct BOD readings, volume pre-selection, measurement duration between 1 and 7 days selectable, display of measuring curve, display of current readings.	208272			
ОхіТор®-і 2	New	2 OxiTop®-i measuring heads (blue and grey), menu-operated, with backlit graphic LCD, control LED, operating buttons, for direct BOD readings, volume pre-selection, measurement duration between 1 and 7 days selectable, display of measuring curve, display of current readings.	208274			

Model		Description	Order No.
OxiTop®-i 6	New	6 OxiTop®-i measuring heads (3 x blue and 3 x grey), menu-operated, with backlit graphic LCD, control LED, operating buttons, for direct BOD readings, volume pre-selection, measurement duration between 1 and 7 days selectable, display of measuring curve, display of current readings.	208276
OxiTop®-i 12	New	12 OxiTop®-i measuring heads (6 x blue and 6 x grey), menu-operated, with backlit graphic LCD, control LED, operating buttons, for direct BOD readings, volume pre-selction, measurement duration between 1 and 7 days selectable, display of measuring curve, display of current readings.	208278
OxiTop®-IDS Accessories			
IDS WLM-M		Wireless module for connecting to MultiLine®3310/3510/36x0 IDS,inoLab®Multi IDS and MonoLine. Connects up to three sensors at the same time (depends on meter capabilities). Also for operation of OxiTop®-IDS.	108142
OxiTop®-IDS	New		209700
OxiTop®-IDS/B	New	OxiTop®-IDS/Bwireless measuring head with Bluetooth®LE technology for operation with Multi 3620 IDSor Multi 3630 IDS,memory for 360 measuring points, with backlit graphic LCD and control LED,enhanced pressure range up to 1.5 bars, H ₂ S resistant pressure sensor for biogas measurement, for routine BOD also operable without IDS multi-parameter instrument.	209701
OxiTop®-IDS 2	New	Two OxiTop®-IDSwireless measuring heads with Bluetooth®LE technology for operation with Multi 3620 IDS or Multi 3630 IDS, memory for 360 measuring points, with backlit graphic LCD and control LED, for routine BOD also operable without IDS multi-parameter instrument.	209702
OxiTop®-IDS 6	New	Six OxiTop®-IDS wireless measuring heads with Bluetooth®LE technology for operation with Multi 3620 IDS or Multi 3630 IDS, memory for 360 measuring points, with backlit graphic LCD and control LED, for routine BOD also operable without IDS multiparameter instrument.	209704
Multi 3620 IDS SETWL	New	Professionaldigital multi meter for portable field measurement, with dual channel input, wirelessready, color graphic display including data logger and USBinterfaces, also for controlling OxiTop®-IDS.Instrument with rechargeable batteries, driver software for USB,cable and universal power supply, protection SM Pro, and wireless meter module IDSWLM-M.	2FD56W
Multi 3630 IDS SETWL	New	Professionaldigital multi meter for portable field measurement, with triple channel input, wireless ready, color graphic display incl. data logger and USB interfaces, also for controlling OxiTop®-IDS.Instrument with rechargeable batteries, driver software for USB, cable and universal power supply, protection SM Pro, and wireless meter module IDSWLM-M.	2FD57W
Stirring Platforms			
IS 6		Stirrer for 6 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz;	208140
IS 12		Stirrer for 12 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz;	208141
IS 6-Var		Stirrer for 6 sample or measuring vessels PF/MFor MG with base diameter up to 93 mm, universal power supply 100 to 240 VAC, 50/60 Hz	208145
OxiTop®-IDS for Determina	tion of	Soil Respiration (effective from February 2019)	
OxiTop®-IDS B6		Measuring system for determination of soil respiration (aerobic), 6 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Accessories: see table "Composition of complete packages", incl. 6 bottles PF45/500 of 500 ml each and 6 OxiTop®AD/SK adapters.	209728
OxiTop®-IDS B6M	New	Measuring system for determination of soil respiration AT4 (aerobic), 6 measuring units with 2.5 I measuring vessels, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Accessories: see table "Composition of complete packages", including 6 vesselsMG 2.5, each including lid adapter DV/MG, DV/MG/KL clamps, GK 600 rubber sleeve and beaker MB 50, CO ₂ absorbent.	209730
OxiTop®-IDSB6M-2.5	New	Measuring systemfor determination of soil respiration according AT4 (aerobic) with IDS multiparameter instrument Multi 3620 IDSand 6 measuring units with 2.5 I measuring vessels.Accessories:see table "Composition of complete packages", including 6 vesselsMG 2.5, each including lid adapter DV/MG, DV/MG/KL clamps, GK 600 rubber sleeve and beaker MB 50, CO ₂ absorbent.	209732
OxiTop®-IDS for Determina	tion of	Biodegradability acc. To OECD (effective from February 2019)	
OxiTop®-IDS Set 6	New	Respirometric measuring system for aerobic measuring, also for BOD self check measurements, 6 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories:see table "Composition of complete packages",incl. stirring platform IS6.	209710
OxiTop®-IDS Set 12	New	Respirometric measuring system for aerobic measuring, also for BOD self check measurements, 12 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories: see table "Composition of complete packages", incl. stirring platform IS 12.	209712
OxiTop®-IDS IS 6	New	Extension set for respirometric aerobic OxiTop®-IDS measurement systems (also for BOD self check measurements), stirring platform IS6 for 6 measuring units, universal	209714



Model		Description	Order No.
OxiTop®-IDS IS 12	New	Extension set for respirometric aerobic OxiTop®-IDS measurement systems (also for BOD self check measurements), stirring platform IS12 for 12 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz; accessories: including 12 sample bottles, 12 OxiTop®-IDS measuring heads, 12 rubber sleeves and 12 magnetic stirrer bars.	209716
OxiTop®-IDS A6	New	Respirometric measuring systemfor aerobic operation, 6 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories:see table "Composition of complete packages", incl. 6 sample bottles, PF45/1000 (1000 ml), 6 OxiTop®AD/SK adapters and 1 stirring platform IS6-Var.	209720
OxiTop®-IDS A12	New	Respirometric measuring systemfor aerobic operation, 12 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories:see table "Composition of complete packages", incl. 12 sample bottles, PF45/250 (250 ml), 12 OxiTop®AD/SK adapters and 1 stirring platform IS 12.	209722
OxiTop®-IDS for Biogas	Determina	tion/Microbiology (effective from February 2019)	
OxiTop®-IDS AN6	New	Respirometric measuring system for an aerobic operation, 6 measuring units, requires Multi 3620 IDS SETWL or Multi 3630 IDS SETWL, please order separately. Universal power supply 100 to 240 VAC, 50/60 Hz. Accessories:see table "Composition of complete packages", incl. 6 MF45/1000 bottles (1000 ml) with 2 nozzles each and septum seal, 6 OxiTop®AD/SK adapters and 1 stirring platform IS 6-Var.	209724
OxiTop®-IDS AN12	New	Respirometric measuring system for anaerobic operation with IDS multiparameter instrument Multi 3620 IDS and 12 measuring units, universal power supply 100 to 240 VAC, 50/60 Hz. universal power supply 100 to 240 VAC, 50/60 Hz. Accessories: see table "Composition of complete packages",incl. 12 MF45/250 bottles (250 ml) with 2 nozzles each and septum seal, 12 OxiTop®AD/SK adapters and 1 stirring platform IS12.	209726
Accessories/Spare Parts	Respirome	etry	
OxiTop®AD/SK		Adapter for OxiTop®/ OxiTop®-C measuring heads for all sample and measuring bottles models PF45/and MF/45, suitable for autoclave (incl. OxiTop®AD adapter, OxiTop®SK screwable adapter, gasket DI 45 for adapter, screwing set VS45 for adapter, 2x GK 600 rubber sleeves).	209016
MG 1,0		Measuring vessel 1000 ml for OxiTop®-C. Accessories: 1x DV/MG adapter with rack and gasket, 2x rubber sleeves GK 600, 4x DV/MG/KL clamps and 1x MB 50 measuring beaker (50 ml).	209019
DV/MG		Cover adapter for measuring vesselsMG 1.0 and MG 1.5 complete with holder and seal DV/MG/DI.	209022
MG 2.5		Measuring vessel for OxiTop®C with 2.5 I volume, accessories1x V/MG lid adapter with rack and seal,2x GK 600 rubber sleeve,4x DV/MG/KL clamps and beaker MB 50 (50 ml).	209023
PF45/250		Sample bottle, contents: 250 ml; Minimum order 3 pieces (packing unit), price per piece.	209102
PF45/500		Sample bottle, contents: 500 ml; Minimum order 3 pieces (packing unit), price per piece.	209103
PF45/1000		Sample bottle, contents: 1000 ml; Minimum order 3 pieces (packing unit), price per piece.	209104
MF45/250		Measuring bottle, contents: 250 ml with 2 nozzles incl. 2x VS 25 screwing sets for nozzle, 1x GK 600 rubber sleeve, 2x SEP25 Septum for nozzle 2x STH25 support for nozzle.	209106
MF45/500		Measuring bottle, contents: 500 ml with 2 nozzles incl. 2x VS 25 screwing sets for nozzle, 1x GK 600 rubber sleeve, 2x SEP25 Septum for nozzles, 2x STH25 support sleeves for nozzle.	209107
MF45/1000		Measuring bottle, contents: 1000 ml with 2 nozzles incl. 2x VS 25 screwing sets, 2x SEP25 Septum for nozzles, 2x STH25 support sleeves for nozzle.	209108
MF45/250/E		Spare measuring bottle, contents 250 ml.	209110
MF45/500/E		Spare measuring bottle, contents 500 ml.	209111
MF45/1000/E		Spare measuring bottle, cont. 1000 ml.	209112
NKI 500		Soda lime as CO ₂ absorbant, with indicator, 500 g.	209142
VS 45		Screw connection for adapter OxiTop®AD/SK /OxiTop®AD; minimum order 3 pieces (packing unit), price per piece. Scaller OxiTop®AD/SK / OxiTop®AD, adapter oxitable for oxitable (424°C):	209500
DI 45		Sealfor OxiTop®AD/SK / OxiTop®AD adapter suitable for autoclave (121°C); minimum order 5 pieces (packing unit), price per piece.	209501
VS 25		Screwable connection for nozzle of measuring vesselsMF45/, suitable for autoclave, minimum order 5 pieces (packing unit), price per piece.	209502
SEP 25		Septum for nozzle of measuring vesselsMF45/, suitable for autoclave (121°C), minimum order 5 pieces (packing unit), price per piece.	209503
STH 25		Supporting sleeve for nozzle of measuring vesselsMF45/, suitable for autoclave (121°C), minimum order 5 pieces (packing unit), price per piece.	209504
MG 1,0 E		Replacement measuring vessel 1000 ml, minimum order 6 pcs, price per piece.	209510
MG 2.5 E		Replacement vessel MG 2.5, minimum order 4 units, price per unit.	209512
DV/MG/KL		Clip for measuring vesselMG 1.0, minimum order 20 pcs, price per piece.	209520
DV/MG/DI		Sealfor measuring vesselMG 1.0 and MG 2.5, minimum order 5 pcs, price per piece.	209521
MB 50		Beaker, 50 ml	108064

Model		Description	Order No.		
BOD Thermostat Boxes					
OxiTop® Box		BOD OxiTop®thermostat box, for max. 12 OxiTop®units/20 Karlsruhe bottles for IS/6 / IS/12 stirrer, 230 VAC, 50 Hz.	208432		
OxiTop®Box (115 VAC)		BOD OxiTop®thermostat box, for max. 12 OxiTop®units/20 Karlsruhe bottles for IS/6 / IS/12 stirrer, 115 VAC, 60 Hz.	208433		
Thermostat Cabinets					
AK IS6/TS 606/2i		Replacement Y-cable for operating stirring plattforms with TS606/2-i respectively TS606-G/2-i effective from December 2013.	208386		
TS 608/2-i	New	Incubator cabinet for 2 BOD OxiTop®systems (12 standard bottles each), 230 VAC, 50 Hz, refrigerant R-600a.	208450		
TS 608-G/2-i	New	Incubator cabinet for 2 BOD OxiTop®systems (12 standard bottles each), with insulating glass front door, 230 VAC, 50 Hz, refrigerant R-600a.	208452		
TS608/4-i	New	Incubator cabinet for 4 BOD OxiTop®systems (12 standard bottles each), 230 VAC, 50 Hz, refrigerant R-600a.	208454		
TS 608-G/4-i	New	Incubator cabinet for 4 BOD OxiTop®systems (12 standard bottles each), with insulating glass front door, 230 VAC, 50 Hz, refrigerant R-600a.	208456		
TS 1008-i	New	Incubator cabinet for 4 BOD OxiTop®systems, special applications with large compartment height for 1.5 l flasks/bottles with nozzle, 230 VAC, 50 Hz, refrigerant R-600a.	208458		
Additional AccessoriesBOD					
ST-OxiTop®		Storage rack for 6 OxiTop®or 6 OxiTop®-C measuring heads.	209010		
Mark-6		Set of marker rings (6 pcs) and identification shields (1–12)for identification of BOD bottles for OxiTop®systems.	209013		
Dia/600		5 blocks of chart paper BOD.	209020		
MK 22/600		Overflow measuring flask, contents 22.7 ml	209030		
MK 43/600		Overflow measuring flask, contents 43.5 ml	209040		
MK 97/600		Overflow measuring flask, contents 97.0 ml	209050		
MK 164/600		Overflow measuring flask, contents 164 ml	209060		
MK 250/600		Overflow measuring flask, contents 250 ml	209070		
MK 365/600		Overflow measuring flask, contents 365 ml	209080		
MK 432/600		Overflow measuring flask, contents 432 ml	209090		
PF 600		Sample bottle, amber, contents 510 ml, minimum order 3 pcs, price per piece.	209100		
RST600		Stirrer bar, minimum order 3 pcs, price per piece.	209120		
REF 600		Stirrer bar remover.	209130		
NHP 600		Sodium hydroxide pellets, 2 bottles of 50 g each.	209140		
GK 600 L		Rubber sleeve L for OxiTop®systems usable with PF 600 and MG 1,0 with DV/MG adapter.	209172		
NTH 600		Nitrification inihibitor, light protected bottle with content 25 ml. Concentration 5 g/l allylthiourea	209331		
OxiTop®PM		System check of OxiTop®systems with 10 calibration tablets for checking measuring units (long term test of leakage testing and negative pressure).	209333		
OxiTop®PT		Check unit for negative pressure and leakage testing for all OxiTop®measuring heads.	209334		
OxiTop®-C Accessories (old systems)					
OxiTop®-C 2		2 OxiTop $\$$ -C measuring heads for use with OxiTop $\$$ -Controller OC 100/OC 110 with IRinterface and data storage for 360 data sets.	208823		
OxiTop®-C		OxiTop®-C replacement measuring head for use with OxiTop®-Controller OC 100/ OC 110 with IRinterface and data storage for 360 data sets.	208830		
OxiTop®-C/B		OxiTop®-C/B replacement measuring head for use with OxiTop®-Controller OC 100/OC 110 with IRinterface and memory for 360 data sets.Corrosion proof model for anaerobic/biogas applications.	208831		
AK 540/B		Interface cable for connection of instrument with 6-pin socket to a PC via RS232 interface.	902842		

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