



Be Right™

Lab Applications

Quick Reference Guide

EU Version 1.1





Lab Systems Application Reference Guide for EU Sales

Version 1.1

Application			Instrument										Vertical Market												
Parameter	EPA	Chemistry	Range (mg/l unless noted)	AT1000	HQ6 Meter	DR6000 Spectrophotometer	DR3900 Spectrophotometer	DR1900 Spectrophotometer	DR900 Colorimeter	DR300	SL1000	Kits	Digital Titrator	Other Instrument	Drinking Water					Waste Water	Industrial				
															Raw Water	Clarifier Effluent	Filter/Membrane Effluent	Final Effluent	Distribution System		Power/Steam	Chemical/Petrochemical	Pulp & Paper	Food	Beverage
Molybdenum		Ternary complex	0.02-3.00			*	*	*	*										*	*	*	*	*	*	
Molybdenum		Mercaptoacetic acid powder pillows	0.2-40.0			*	*	*	*										*	*	*	*	*	*	
Molybdenum		Mercaptoacetic acid AccuVac	0.2-40.0			*	*	*	*										*	*	*	*	*	*	
Molybdenum		LCK330	3-300			*	*	*	*						*				*	*	*	*	*	*	
Nickel		PAN	0.006-1.000			*	*	*	*						*				*	*	*	*	*	*	
Nickel	*	Heptoxime	0.02-1.80			*	*	*	*						*				*	*	*	*	*	*	
Nickel		LCK337	0.1-6.0			*	*	*	*						*				*	*	*	*	*	*	
Nickel		LCK537	0.05-1.0			*	*	*	*						*				*	*	*	*	*	*	
Nickel (acid plating bath)		LCK237	5-120 g/L			*	*	*	*						*				*	*	*	*	*	*	
Nitrification Control													*												
Nitrogen, Ammonia		Ion selective elctrode	0.1-14000		*										*				*	*	*	*	*	*	
Nitrogen, Ammonia		LCK304	0.015-2.00			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		LCK305	1-12			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		LCK303	2-47			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		LCK302	0.015-130			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		Salicylate	0.01-0.50			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		Salicylate TNT	0.02-2.50			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia		Salicylate TNT	0.4-50.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia	*	Nessler	0.02-2.50			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia, Free		Indophenol	0.01-0.50			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Ammonia, Free		ChemKey	0.05-0.50							*					*	*	*	*	*	*	*	*	*	*	
Nitrogen, Ammonia, Total		ChemKey	0.05-1.50							*					*	*	*	*	*	*	*	*	*	*	
Nitrogen, Nitrate		LCK339	0.23-13.5			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		LCK340	5-35			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Cadmium reduction	0.01-0.50			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Cadmium reduction powder pillows	0.1-10.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Cadmium reduction AccuVac	0.1-10.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Cadmium reduction powder pillows	0.3-30.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Cadmium reduction AccuVac	0.3-30.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Direct read	0.1-10.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Chromotropic acid TNT	0.2-30.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrate		Ion selective elctrode	0.1-14000		*					*					*				*	*	*	*	*	*	
Nitrogen, Nitrite	*	Diazotization powder pillows	0.002-0.300			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite	*	Diazotization AccuVac	0.002-0.300			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		Diazotization TNT	0.003-0.500			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		Ferrous sulfate	2-150			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		LCK341	0.015-0.600			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		LCK342	0.6-6.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		LCK541	0.0015-0.30			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Nitrite		ChemKey	0.005-0.600							*					*	*	*	*	*	*	*	*	*	*	
Nitrogen, Nitrite		Cerium Ion/Ferroin	100-2500							*					*				*	*	*	*	*	*	
Nitrogen, Total		Titanium trichloride reduction TNT	0.2-25.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Digestion		Persulfate TNT	0.5-25.0			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Digestion		Persulfate TNT	2-150			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Digestion		LCK138	1-16			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Digestion		LCK238	5-40			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Digestion		LCK338	20-100			*	*	*	*						*				*	*	*	*	*	*	
Nitrogen, Total Kjeldahl		Nessler	1-150			*	*	*	*						*				*	*	*	*	*	*	
Oxidation-Reduction Potential (ORP)		Potentiometric	-2000-2000 mV		*					*					*	*	*	*	*	*	*	*	*	*	
Oxygen Scavengers		Iron reduction	0.003-0.1500			*	*	*	*						*				*	*	*	*	*	*	
Oxygen Scavengers		LCW250	0.05-1 mg/L DEHA			*	*	*	*						*				*	*	*	*	*	*	
Ozone		Indigo	0.1-1.50			*	*	*	*						*				*	*	*	*	*	*	
PCB		Immunoassay	1-50			*	*	*	*						*				*	*	*	*	*	*	
Peracetic Acid		DPD	0.10-10.00			*	*	*	*						*				*	*	*	*	*	*	
Peracetic Acid		ChemKey	0.04-50.0							*					*	*	*	*	*	*	*	*	*	*	
Peracetic Acid		DPD	0.01-35 %			*	*	*	*						*				*	*	*	*	*	*	
Permanganate Index (Mn COD)		LCK394	0.5-10 mg/L			*	*	*	*						*				*	*	*	*	*	*	
pH	*	Potentiometric	0-14 units	*											*	*	*	*	*	*	*	*	*	*	
pH		Phenol red	6.5-8.5 units						*	*					*	*	*	*	*	*	*	*	*	*	
pH	*	Potentiometric	0-14 units	*						*					*	*	*	*	*	*	*	*	*	*	
Phenols	*	4-Aminoantipyrine	0.002-0.200			*	*	*	*						*				*	*	*	*	*	*	
Phenols		LCK345	0.05-5.0			*	*	*	*						*				*	*	*	*	*	*	
Phenols		LCK346	5-150			*	*	*	*						*				*	*	*	*	*	*	
Phosphonates		Persulfate UV oxidation	0.02-125			*	*	*	*						*				*	*	*	*	*	*	
Phosphorus, Acid Hydrolyzable		PhosVer TNT	0.06-3.50			*	*	*	*						*				*	*	*	*	*	*	
Phosphorus, Reactive		Chemkey	0.2-4.00							*					*				*	*	*	*	*	*	
Phosphorus, Reactive		Chemkey	1.0-30.0							*					*				*	*	*	*	*	*	

