

Photometers



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Comparison Chart

Parameter	Range	Monoparameter HI 957xx Series	Multi-parameter Portable	Multi-parameter HI 832xx Series
Alkalinity				K75
Aluminum		K6		K64, K65, K71, K72, K74, K77, K78
Ammonia	HR	K7		K67, K69, K79 ³
Ammonia	LR	K7		K63, K64, K65, K66, K68, K69, K72, K73, K76, K77, K78, K79 ³
Ammonia	MR	K7	K58	K63, K64, K65, K66, K67, K68, K69, K72, K73, K76, K77, K78
Blood, Plasma			K61	
Bromine		K8		K46
Cyanuric Acid		K16	K38, K44, K46	K64, K72, K75, K77, K78
Nitrogen, Total	LR-HR			K65, K68, K75, K77, K78
Chlorine Dioxide				K79 ³
Chlorine, Total	HR	K11		K64, K74, K77, K78
Calcium	HR	K36		
Cyanide		K15		K67, K77, K78
Chloride		K9		
Chlorine	UHR		K51	
Chlorine, Free	ULR		K49	
Chlorine, Free		K10	K49, K50, K52	K37, K44, K45, K46
Chlorine, Total	HR	K10		K63, K64, K66, K68, K71, K72, K73, K74, K75, K76, K77, K78, K79
Chlorine, Total	ULR		K50	
Chlorine, Total		K10	K50, K52	K37, K44, K45, K46
Chlorine, Total	HR	K10		K63, K64, K66, K68, K71, K72, K73, K74, K75, K76, K77, K78, K79
Chromium VI	HR	K12		K64, K65, K66, K67, K68, K72, K76, K77, K78
Chromium VI	LR	K12		K64, K65, K66, K67, K68, K72, K76, K77, K78
C.O.D.	LR-MR-HR			K78 ³ , K79 ³
Color		K13		K66, K68, K71, K72, K74, K77, K78
Copper	HR	K14		K63, K64, K65, K66, K68, K71, K72, K73, K75 ³ , K77, K78
Copper	LR		K53	K63, K65, K66, K68, K71, K72, K73, K77, K78
Detergents, Anionic			K54	
Fluoride		K17	K55	
Fluoride	HR	K17		K71, K76, K77, K78
Hardness (Calcium)		K18		K75, K77, K78
Hardness (Magnesium)		K18		K77, K78
Hardness Total		K19	K39, K40, K43, K45	
Honey Color				K70
Hydrazine		K20		K64, K73, K77, K78
Iodine		K21		K65, K72, K77, K78
Iron	HR	K22	K56	
Iron	LR	K22		K40, K41, K42, K43, K45, K46
Magnesium	HR	K36		K64, K65, K75, K76, K77, K78
Manganese	HR	K23		K64, K65, K76, K77, K78
Manganese	LR	K23		K71, K76, K77, K78
Maple Syrup			K57	
Molybdenum		K24		K71, K76, K77, K78
Nickel	HR	K25		K64, K65, K68, K71, K73, K76, K77, K78
Nickel	LR	K25		K65, K68, K71, K72, K76
Nitrate		K26		K63, K64, K66, K67, K68, K69 ¹ , K71, K72, K76, K77, K78, K79 ³
Nitrite		K27	K59	K63, K64, K66, K67, K68, K72, K77, K78
Nitrite	HR	K27		K63, K64, K66, K67, K69, K71, K72, K77, K78
Oxygen, Dissolved		K28		K63, K66, K68, K72, K74, K76, K77, K78
Ozone				K75
pH			K37, K38, K39, K42, K43, K44, K45, K46	K63, K64, K65, K66, K68, K72, K74, K75, K76, K77, K78
Phosphate	HR	K29	K60	K63, K64, K65, K66, K68, K71, K72, K73, K74, K76, K77, K78
Phosphate	LR	K29		K63, K64, K65, K66, K68, K71, K72, K73, K74, K76, K77, K78
Phosphorus ⁴	LR	K30	K60	K65, K66, K67, K68, K69 ¹ , K71, K72, K73, K76, K77, K78, K79 ³
Potassium		K31		K69 ¹
Silica		K32		K64, K65, K66, K68, K73, K74, K76, K77, K78
Silver		K33		K65, K66, K68, K71, K72, K73, K74, K76, K77, K78
Sulphate		K34		
Zinc		K35		K64, K65, K66, K69, K71, K72, K74, K76, K77, K78

NOTES: 1) 3 ranges LR, MR, HR 2) Free and total 3) In vials 4) To distinguish different form of phosphorus, see page K80

Application Guide

	Agriculture	Aquaculture	Boilers and Cooling Towers	Chemical Production	Water Conditioning	Education	Environmental Testing	Food Industry	Laundries	Metals/Mining	Pharmaceutical Industry	Power Plant Utilities	Pulp and Paper Mills	Swimming Pools and Spas	Textile Industry	Ultrapure Water	Wastewater Industrial	Wastewater Municipal	Water Conditioning
Alkalinity														*					
Aluminum			*	*	*							*					*	*	
Ammonia	*	*	*	*	*	*	*	*			*			*	*		*	*	*
Bromine			*	*	*		*						*		*		*	*	
Calcium	*		*				*			*					*				*
Chloride	*	*	*	*	*	*	*	*	*	*	*			*	*	*	*	*	*
Chlorine	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chlorine Dioxide			*	*	*		*					*	*	*					
Chromium VI			*	*	*	*	*		*	*							*	*	
C.O.D.				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Color				*	*	*	*			*	*	*	*	*	*	*	*	*	*
Copper		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cyanide				*	*	*	*		*	*							*	*	
Detergents, Anionic				*	*	*	*										*	*	
Fluoride				*	*	*	*									*	*	*	*
Hardness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Iodine				*	*	*	*			*							*	*	
Iron (Total)	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Phosphate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Phosphorus	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydrazine			*								*								
Molybdenum			*	*	*	*	*			*	*			*	*	*	*	*	*
Manganese				*	*	*	*										*	*	*
Nickel				*	*	*	*		*	*							*	*	*
Nitrate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nitrite	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nitrogen	*																*	*	
Oxygen, Dissolved (D.O.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Ozone	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
pH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Potassium	*			*	*	*	*									*			
Silica	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Silver				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sulphate	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Zinc			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*