

MD640 Photometer

Order Code	Parameter	Range	Displayed As
214140	MD640		
	Alkalinity-m HR T	5 - 500	mg/L CaCO ₃
	Alkalinity-m T	5 - 200	mg/L CaCO ₃
	Alkalinity-p T	5 - 500	mg/L CaCO ₃
	Aluminium PP	0.01 - 0.25	mg/L Al
	Aluminium T	0.01 - 0.3	mg/L Al
	Ammonia HR TT	1.0 - 50	mg/L N
	Ammonia LR TT	0.02 - 2.5	mg/L N
	Ammonia PP	0.01 - 0.8	mg/L N
	Ammonia T	0.02 - 1	mg/L N
	Bromine PP	0.05 - 4.5	mg/L Br ₂
	Bromine T	0.05 - 13	mg/L Br ₂
	Chloramine (M) PP	0.02 - 4.5	
	Chloride L (B)	0.5 - 20	mg/L Cl ⁻
	Chloride T	0.5 - 25	mg/L Cl ⁻
	Chlorine (free) and Monochloramine	0.02 - 4.50	mg/L Cl ₂
	Chlorine dioxide PP	0.04 - 3.8	mg/L ClO ₂
	Chlorine dioxide T	0.02 - 11	mg/L ClO ₂
	Chlorine HR 2 PP	0.1 - 10	mg/L Cl ₂
	Chlorine HR (KI) T	5 - 200	mg/L Cl ₂
	Chlorine HR PP	0.1 - 8	mg/L Cl ₂
	Chlorine HR T	0.1 - 10	mg/L Cl ₂
	Chlorine L	0.02 - 4.0	mg/L Cl ₂
	Chlorine MR PP	0.02 - 3.5	mg/L Cl ₂
	Chlorine PP	0.02 - 2	mg/L Cl ₂
	Chlorine T	0.01 - 6.0	mg/L Cl ₂
	Chromium PP	0.02 - 2	mg/L Cr
	COD HR TT	200 - 15000	mg/L COD
	COD LMR TT	15 - 300	mg/L COD
	COD LR TT	3 - 150	mg/L COD
	COD MR TT	20 - 1500	mg/L COD
	Copper L	0.05 - 4	mg/L Cu
	Copper PP	0.05 - 5	mg/L Cu
	Copper T	0.05 - 5	mg/L Cu
	Cyanide L	0.01 - 0.5	mg/L CN ⁻
	CyA T	10 - 160	mg/L CyA
	DEHA PP	0.02 - 0.5	mg/L DEHA
	DEHA T (L)	0.02 - 0.5	mg/L DEHA
	Fluorescein 2P	10 - 300	ppb
	Fluorescein	10 - 400	ppb
	Fluoride 2 L	0.1 - 2	mg/L F ⁻
	Fluoride L	0.05 - 2	mg/L F ⁻
	H ₂ O ₂ HR L	40 - 500	mg/L H ₂ O ₂

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	H ₂ O ₂ LR L	1 - 50	mg/L H ₂ O ₂
	H ₂ O ₂ T	0.03 - 3	mg/L H ₂ O ₂
	Hardness Ca and Mg L	0.05 - 4	mg/L CaCO ₃
	Hardness Ca and Mg MR TT	10 - 360	mg/L CaCO ₃
	Hardness Calcium (B) T	20 - 500	mg/L CaCO ₃
	Hardness Calcium (B) T	50 - 900	mg/L CaCO ₃
	Hardness total HR T	20 - 500	mg/L CaCO ₃
	Hardness total T	2 - 50	mg/L CaCO ₃
	Hazen 24	10 - 500	mg/L Pt
	Hydrazine L	0.01 - 0.6	mg/L N ₂ H ₄
	Hydrazine P	0.05 - 0.5	mg/L N ₂ H ₄
	Hypochlorite T	0.2 - 16	% NaOCl
	Iron (TPTZ) PP	0.02 - 1.8	mg/L Fe
	Iron HR L	0.1 - 10	mg/L Fe
	Iron in Mo PP (224)	0.01 - 1.8	mg/L Fe
	Iron LR L (A)	0.03 - 2	mg/L Fe
	Iron LR L (B)	0.03 - 2	mg/L Fe
	Iron PP	0.02 - 3	mg/L Fe
	Iron T	0.02 - 1	mg/L Fe
	K _{S4.3} T	0.1 - 4	mmol/L K _{S4.3}
	Iodine T	0.05 - 3.6	mg/L I ₂
	Manganese HR PP	0.1 - 18	mg/L Mn
	Manganese L	0.05 - 5	mg/L Mn
	Manganese LR PP	0.01 - 0.7	mg/L Mn
	Manganese T	0.2 - 4	mg/L Mn
	Molybdate HR L	1 - 100	mg/L MoO ₄
	Molybdate HR PP	0.3 - 40	mg/L Mo
	Molybdate LR PP	0.03 - 3	mg/L Mo
	Molybdate T	1 - 50	mg/L MoO ₄
	Nickel L	0.2 - 7	mg/L Ni
	Nitrate MR PP	1 - 30	mg/L NO ₃ -N
	Nitrate T	0.08 - 1	mg/L N
	Nitrate TT	1 - 30	mg/L N
	Nitrite HR PP	2 - 250	mg/L NO ₂ ⁻
	Nitrite HR TT	0.3 - 3	mg/L N
	Nitrite LR TT	0.03 - 0.6	mg/L N
	Nitrite PP	0.01 - 0.3	mg/L N
	Nitrite T	0.01 - 0.5	mg/L N
	Nitrite VHR L	25 - 2500	mg/L NO ₂ ⁻
	Oxygen active T	0.1 - 10	mg/L O ₂
	Oxygen dissolved C	10 - 800	µg/L O ₂
	Ozone PP	0.015 - 1.2	mg/L O ₃
	Ozone T	0.02 - 2	mg/L O ₃
	Phenol T	0.1 - 5	mg/L C ₆ H ₅ OH
	PHMB T	2 - 60	mg/L PHMB

Order Code	Parameter	Range	Displayed As
	Phosphate h. TT	0.02 - 1.6	mg/L P
	Phosphate HR C	1.6 - 13	mg/L P
	Phosphate HR L	5 - 80	mg/L PO ₄
	Phosphate HR T	0.33 - 26	mg/L P
	Phosphate HR TT	1 - 20	mg/L P
	Phosphate LR C	0.02 - 1.6	mg/L P
	Phosphate LR L	0.1 - 10	mg/L PO ₄
	Phosphate LR T	0.02 - 1.3	mg/L P
	Phosphate PP	0.02 - 0.8	mg/L P
	Phosphate t. TT	0.02 - 1.1	mg/L P
	Phosphate TT	0.02 - 1.63	mg/L P
	Phosphonate PP	0.02 - 125	mg/L PO ₄
	pH-value HR T	8.0 - 9.6	pH
	pH-value L	6.5 - 8.4	pH
	pH-value LR T	5.2 - 6.8	pH
	pH-value T	6.5 - 8.4	pH
	Polyacrylate L	1 - 30	mg/L Polyacryl
	Potassium T	0.7 - 16	mg/L K
	PTSA	10 - 400	ppb
	PTSA	10 - 1000	ppb
	Silicate HR PP	1 - 90	mg/L SiO ₂
	Silicate L	0.1 - 8	mg/L SiO ₂
	Silicate LR PP	0.1 - 1.6	mg/L SiO ₂
	Silicate T	0.05 - 4	mg/L SiO ₂
	Sulphate HR PP	50 - 1000	
	Sulphate PP	5 - 100	mg/L SO ₄ ²⁻
	Sulphate T	5 - 100	mg/L SO ₄ ²⁻
	Sulphide L	15 - 1400	mg/L Tannin
	Sulphide T	0.04 - 0.5	mg/L S ²⁻
	Sulphite T	0.1 - 5	mg/L SO ₃
	Surfactants M. (anion.) TT	0.05 - 2	mg/L SDSA
	Surfactants M. (cation.) TT	0.05 - 1.5	mg/L CTAB
	Surfactants M. (not ionic) TT	0.1 - 7.5	mg/L Triton X-100
	Suspended solids 24	10 - 750	mg/L TSS
	Tannin L	0.5 - 20	mg/L Tannin
	TN HR TT	5 - 150	mg/L N
	TN LR TT	0.5 - 25	mg/L N
	TOC HR M. TT	50 - 800	mg/L TOC
	TOC LR M. TT	5 - 80	mg/L TOC
	Triazole PP	1 - 16	mg/L Benzotriazole or Tolyltriazole
	Turbidity 24	10 - 1000	FAU
	Urea T	0.1 - 2.5	mg/L Urea
	Zinc L	0.1 - 2.5	mg/L Zn
	Zinc T	0.02 - 1	mg/L Zn