

MD 100 Photometer

Precise Water Analysis in High-Quality Design



The MD 100 photometer is a convenient choice for testing up to 14 parameters on a single instrument.

The instrument has a simple user interface and is constructed for field use. Several industry specific versions are available the combine all of the tests you need.

Applications:

Boiler Water , Cooling Water , Disinfection Control , Drinking Water Treatment , Galvanization ,Pool Water Control, Pool Water Treatment ,Raw Water Treatment ,Waste Water Treatment

Products:

Parameter Count	Title	Parameter & Range	Part Number
Single	MD 100 Aluminium, tablet reagents	Aluminium T 0.01 - 0.3 mg/l Al	276200
Single	MD 100 Aluminium, powder reagents	Aluminium PP 0.01 - 0.25 mg/l Al	276205
Single	MD 100 Ammonia, tablet reagents	Ammonia T 0.02 - 1 mg/l N	276060
Single	MD 100 Ammonia, powder reagents	Ammonia PP 0.01 - 0.8 mg/l N	276065
Single	MD 100 Chlorine, tablet reagents	Chlorine T 0.01 - 6.0 mg/l Cl ₂ a)	276000
Single	MD 100 Chlorine, liquid reagents	Chlorine L 0.02 - 4.0 mg/l Cl ₂ a)	276005
Single	MD 100 Chlorine DUO, tablet reagents	Chlorine HR T 0.1 - 10 mg/l Cl ₂ a) Chlorine T 0.01 - 6.0 mg/l Cl ₂ a)	276020
Single	MD 100 Chlorine DUO, powder reagents	Chlorine HR PP 0.1 - 8 mg/l Cl ₂ a)	276025
		Chlorine PP 0.02 - 2 mg/l Cl ₂ a)	
Single	MD 100 Chlorine, powder reagents	Chlorine PP 0.02 - 2 mg/l Cl ₂ a)	276010
Single	MD 100 Chlorine HR (potassium iodide), tablet reagents	Chlorine HR (KI) T (105) 5 - 200 mg/l Cl ₂	276170
Single	MD 100 Chlorine dioxide, tablet reagents	Chlorine dioxide T 0.02 - 11 mg/l ClO ₂	276030
Single	MD 100 Chlorine dioxide, powder reagents	Chlorine dioxide PP 0.04 - 3.8 mg/l ClO ₂	276035
Single	MD 100 Chloride, tablet reagents	Chloride T 0.5 - 25 mg/l Cl- Chloride T 5 - 250 mg/l Cl- i)	276180
Single	MD 100 COD, tube tests	COD HR TT 200 - 15000 mg/l COD _b) COD LMR TT 15 - 300 mg/l COD _b) COD LR TT 3 - 150 mg/l COD _b) COD MR TT 20 - 1500 mg/l COD _b)	276120
Single	MD 100 Iron, tablet reagents	Iron T 0.02 - 1 mg/l Fe	276050
Single	MD 100 Iron TPTZ, powder reagents	Iron (TPTZ) PP 0.02 - 1.8 mg/l Fe	276055
Single	MD 100 Iron, powder reagents	Iron PP 0.02 - 3 mg/l Fe g)	276056
Single	MD 100 Fluoride (without reagents)	Fluoride L 0.05 - 2 mg/l F-	276090
Single	MD 100 Hardness, total, tablet reagents	Hardness total HR T 20 - 500 mg/l CaCO ₃ i) Hardness total T 2 - 50 mg/l CaCO ₃	276190
Single	MD 100 Urea, tablet reagents	Urea T 0.1 - 2.5 mg/l Urea Urea T 0.2 - 5 mg/l Urea i)	276210
Single	MD 100 Hazen/A.P.H.A., no reagents required	Hazen 24 10 - 500 mg/l Pt	276160

Products:

Parameter Count	Title	Parameter & Range	Part Number
Single	MD 100 Copper, tablet reagents	Copper T 0.05 - 5 mg/l Cu _a)	276080
Single	MD 100 Copper, powder reagents	Copper PP 0.05 - 5 mg/l Cu	276085
Single	MD 100 Manganese LR, tablet reagents	Manganese T 0.2 - 4 mg/l Mn	276100
Single	MD 100 Manganese LR, powder reagents	Manganese LR PP 0.01 - 0.7 mg/l Mn	276105
Single	MD 100 Manganese HR, powder reagents	Manganese HR PP 0.1 - 18 mg/l Mn	276106
Single	MD 100 Molybdenum LR, powder reagents/ tablet reagents	Molybdate LR PP 0.05 - 5 mg/l MoO ₄	276140
Single	MD 100 Molybdenum HR, powder reagents	Molybdate HR PP 0.3 - 40 mg/l MoO ₄	276141
Single	MD 100 Molybdenum, tablet reagents	Molybdate T 0.6 - 30 mg/l MoO ₄	276040
Single	MD 100 Phosphate, powder reagents	Phosphate PP 0.02 - 0.8 mg/l P	276045
Single	MD 100 Silica, tablet reagents	Silicate T 0.05 - 4 mg/l SiO ₂	276110
Single	MD 100 Silica LR, powder reagents	Silicate LR PP 0.05 - 1.6 mg/l SiO ₂	276115
Single	MD 100 Silica HR, powder reagents	Silicate HR PP 1 - 90 mg/l SiO ₂	276116
Single	MD 100 Suspended solids, no reagents required	Suspended solids 24 10 - 750 mg/l TSS	276150
2in1	MD 100 Chlorine, pH, tablet reagents (OTZ)	Chlorine HR T 0.1 - 10 mg/l Cl ₂ a) Chlorine T 0.01 - 6.0 mg/l Cl ₂ a) pH-value T 6.5 - 8.4	278020
2in1	MD 100 Chlorine, pH, liquid reagents (OTZ)	Chlorine L 0.02 - 4.0 mg/l Cl ₂ a) pH value L 6.5 - 8.4	278025
2in1	MD 100 Chlorine, pH, powder reagents for chlorine	Chlorine HR PP 0.1 - 8 mg/l Cl ₂ a) Chlorine PP 0.02 - 2 mg/l Cl ₂ a) pH-value T 6.5 - 8.4	278030
3in1	MD 100 Chlorine, pH, Cyanuric acid, tablet reagents (OTZ)	Chlorine HR T 0.1 - 10 mg/l Cl ₂ a) Chlorine T 0.01 - 6.0 mg/l Cl ₂ a) CyA T 10 - 160 mg/l CyA pH-value T 6.5 - 8.4	278010
3in1	MD 100 Chlorine, pH, Cyanuric acid, liquid reagents for Chlorine and pH (OTZ)	Chlorine L 0.02 - 4.0 mg/l Cl ₂ a) CyA T 10 - 160 mg/l CyA pH value L 6.5 - 8.4	278015
3in1	MD 100 Chlorine, pH, Alkalinity-m, tablet reagents (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO ₃ Chlorine HR T 0.1 - 10 mg/l Cl ₂ a) Chlorine T 0.01 - 6.0 mg/l Cl ₂ a) pH-value T 6.5 - 8.4	278060
3in1	MD 100 Chlorine, pH, Alkalinity-m, liquid reagents for Chlorine and pH (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO ₃ Chlorine L 0.02 - 4.0 mg/l Cl ₂ a) pH value L 6.5 - 8.4	278065

Products:

Parameter Count	Title	Parameter & Range	Part Number
2in1	MD 100 Chlorine LR, Chlorine HR, Chlorine dioxide, tablet reagents	Chlorine dioxide T 0.02 - 11 mg/l ClO_2 Chlorine HR T 0.1 - 10 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a)	278000
4in1	MD 100 Chlorine, pH, Cyanuric acid, Alkalinity-m, tablet reagents (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Chlorine HR T 0.1 - 10 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a) CyA T 10 - 160 mg/l CyA	278070
4in1	MD 100 Chlorine, pH, Cyanuric acid, Alkalinity-m, tablet reagents (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Chlorine HR T 0.1 - 10 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a) CyA T 10 - 160 mg/l CyA pH-value T 6.5 - 8.4	278070
4in1	MD 100 Chlorine, pH, Cyanuric acid, Alkalinity-m, liquid reagents for Chlorine and pH (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Chlorine L 0.02 - 4.0 mg/l Cl_2 a) CyA T 10 - 160 mg/l CyA pH value L 6.5 - 8.4	278075
4in1	MD 100 Chlorine DUO, Chlorine HR, pH, Alkalinity-m, Calcium hardness (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Chlorine HR (KI) T (105) 5 - 200 mg/l Cl_2 Chlorine PP 0.02 - 3.5 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a) Hardness Calcium (B) T 0 - 500 mg/l CaCO_3 pH-value T 6.5 - 8.4	278075
5in1	MD 100 Chlorine, pH, Cyanuric acid, Alkalinity-m, Calcium hardness, tablet reagents (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Chlorine HR T 0.1 - 10 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a) CyA T 10 - 160 mg/l CyA Hardness Calcium (B) T 0 - 500 mg/l CaCO_3 pH-value T 6.5 - 8.4	278080
6in1	MD 100 Chlorine, Bromine, pH, Cyanuric acid, Alkalinity-m, Calcium hardness, tablet reagents (OTZ)	Alkalinity-m T 5 - 200 mg/l CaCO_3 Bromine T 0.05 - 13 mg/l Br_2 Chlorine HR T 0.1 - 10 mg/l Cl_2 a) Chlorine T 0.01 - 6.0 mg/l Cl_2 a) CyA T 10 - 160 mg/l CyA Hardness Calcium (B) T 0 - 500 mg/l CaCO_3 pH-value T 6.5 - 8.4	278090
Boiler Water	MD 100 Boiler Water	Aluminium PP 0.01 - 0.25 mg/l Al Chloride L (A) 0.5 - 20 mg/l Cl- Copper T 0.05 - 5 mg/l Cu^a DEHA PP 0.02 - 0.5 mg/l DEHA Hydrazine P 0.05 - 0.5 mg/l N_2H_4 Iron LR L (A) 0.03 - 2 mg/l Fe Oxygen dissolved C 10 - 800 $\mu\text{g/l O}_2$ c) Phosphate HR L 5 - 80 mg/l P Polyacrylate L 1 - 30 mg/l Polyacryl Silicate HR PP 1 - 90 mg/l SiO_2	276230
Cooling Water	MD 100 Cooling Water	15 Parameters	276240