



**LABO  
LYTIC**  
KVALITET  
KAN  
MÅLES

# Parameter for MD600

MD 600 er et robust og vanntett multiparameter-fotometer forhåndsprogrammert med over 120 ulike vannanalyseparametere og måleområder. Her kan du lese hvilke parameter og måleområder

Test Name	Measuring Range	Chemical Method
Alkalinity-m HR T	5 - 500 mg/l CaCO <sub>3</sub>	Acid / Indicator
Alkalinity-m T	5 - 200 mg/l CaCO <sub>3</sub>	Acid / Indicator
Alkalinity-p T	5 - 300 mg/l CaCO <sub>3</sub>	Acid / Indicator
Aluminium PP	0.01 - 0.25 mg/l Al	Eriochrome Cyanine R
Aluminium T	0.01 - 0.3 mg/l Al	Eriochrome Cyanine R
Ammonia TT	1.0 - 50 mg/l NH <sub>4</sub>	Salicylate
Ammonia LR TT	0.02 - 2.5 mg/l	Salicylate
Ammonia PP	0.01 - 0.8 mg/l	Salicylate

Ammonia T	0.2 - 1.2 mg/l	Indophenole Blue
Boron T	0.1 - 2 mg/l B	Azomethine
Bromine PP	0.05 - 4.5 mg/l Br <sub>2</sub>	DPD
Bromine T	0.05 - 13 mg/l Br <sub>2</sub>	DPD
Chloride L (A)	0.5 - 20 mg/l Cl <sup>-</sup>	Mercury Thiocyanate / Iron Nitrate
Chlorine T	0.5 - 25 mg/l Cl <sub>2</sub>	Silver Nitrate / Turbidity
Chlorine dioxide PP	0.04 - 3.8 mg/l ClO <sub>2</sub>	DPD / Glycine
Chlorine dioxide T	0.02 - 11 mg/l ClO <sub>2</sub>	DPD / Glycine
Chlorine HR (KI) T (105)	5 - 200 mg/l Cl <sub>2</sub>	KI / Acid
Chlorine HR PP	0.1 - 8 mg/l Cl <sub>2</sub>	DPD
Chlorine HR T	0.1 - 10 mg/l Cl <sub>2</sub>	DPD
Chlorine L	0.02 - 4 mg/l Cl <sub>2</sub>	DPD

Chlorine MR PP	0.02 - 3 mg/l Cl <sub>2</sub>	DPD
Chlorine PP	0.02 - 2 mg/l Cl <sub>2</sub>	DPD
Chlorine T	0.01 - 6.0 mg/l Cl <sub>2</sub>	DPD
Chromium PP	0.02 - 2 mg/l Cr	Diphenylcarbazide
COD HR TT	200 - 15000 mg/l COD	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD LMR TT	15 - 300 mg/l COD	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD MR TT	3 - 150 mg/l COD	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD MR TT	20 - 1500 mg/l COD	Dichromate / H <sub>2</sub> SO <sub>4</sub>
Copper L	0.05 - 4 mg/l Cu	Bicinchoninate
Copper PP	0.05 - 5 mg/l Cu	Bicinchoninate
Copper T	0.05 - 5 mg/l Cu	Biquinoline
CyaH RT	20 - 200 mg/l Cya	Melamine

Cyanide L	0.01 - 0.25 mg/l CN <sup>-</sup>	Pyridine-barbituric Acid
CyaT	10 - 160 mg/l Cya	Melamine
DEHA PP	0.02 - 0.25 mg/l DEHA	PPST
DEHA T (L)	0.02 - 0.5 mg/l DEHA	PPST
Fluoride L	0.05 - 2 mg/l F <sup>-</sup>	SPADNS
H <sub>2</sub> O <sub>2</sub> HR L	1 - 50 mg/l H <sub>2</sub> O <sub>2</sub>	Titanium Tetrachloride / Acid
H <sub>2</sub> O <sub>2</sub> T	0.03 - 3 mg/l H <sub>2</sub> O <sub>2</sub>	DPD / Catalyst
Hardness Calcium (B) T	20 - 500 mg/l CaCO <sub>3</sub>	Murexide
Hardness Calcium (B) TT	50 - 900 mg/l CaCO <sub>3</sub>	Murexide
Hardness total HR T	20 - 500 mg/l CaCO <sub>3</sub>	Metallphthalein
Hardness total T	2 - 50 mg/l CaCO <sub>3</sub>	Metallphthalein

Hazem 24	10 - 500 mg/l Pt/Co	APHA Platinum Cobalt Standard
Hydrazine C	0.01 - 0.7 mg/l N <sub>2</sub> H <sub>4</sub>	PDMAB
Hydrazine L	0.01 - 0.6 mg/l N <sub>2</sub> H <sub>4</sub>	Dimethylaminobenzaldehyde
Hydrazine P	0.05 - 0.5 mg/l N <sub>2</sub> H <sub>4</sub>	Dimethylaminobenzaldehyde
Hypochlorite T	0.2 - 16 % NaOCl	Potassium Iodide
Iron (TPTZ) PP	0.02 - 3 mg/l Fe	TPTZ
Iron HR L	0.1 - 10 mg/l Fe	Thioglycolate
Iron MR PP (224)	0.01 - 1.8 mg/l Fe	TPTZ
Iron LR L (A)	0.02 - 3 mg/l Fe	Ferrozine / Thioglycolate
Iron LR L (B)	0.03 - 2 mg/l Fe	Ferrozine / Thioglycolate
Iron PP	0.02 - 3 mg/l Fe	1,10-Phenanthroline
Iron T	0.02 - 1 mg/l Fe	Ferrozine / Thioglycolate

Iodine T	0.05 - 3.6 mg/l I <sub>2</sub>	DPD
Manganese HR PP	0.1 - 18 mg/l Mn	Periodate Oxidation
Manganese L	0.05 - 1 mg/l Mn	Formaloxime
Manganese LR PP	0.01 - 0.7 mg/l Mn	PAN
Manganese T	0.2 - 4 mg/l Mn	Formaloxime
Molybdate HR L	0.5 - 66 mg/l MoO <sub>4</sub>	Mercaptoacetic Acid
Molybdate LR PP	0.5 - 6 mg/l MoO <sub>4</sub>	Ternary Complex
Molybdate T	0.5 - 60 mg/l MoO <sub>4</sub>	Thioglycolate
Nickel L	0.2 - 7 mg/l Ni	Dimethylglyoxime
Nitrate TT	0.08 - 1 mg/l N	Zinc Reduction / NED
Nitrate MR T	1 - 30 mg/l N	Chromotropic Acid
Nitrite PP	0.01 - 0.3 mg/l N	Diazotation

Oxygen active T	0.1 - 10 mg/l O <sub>2</sub>	DPD
Oxygen dissolved C	10 - 800 µg/l O <sub>2</sub>	Rhodazine D TM
Ozone T	0.02 - 2 mg/l O <sub>3</sub>	DPD / Glycine
PHMB T	2 - 60 mg/l PHMB	Buffer / Indicator
Phosphate H. TT	0.02 - 1.6 mg/l P	Phosphomolybdenum Blue
Phosphate HR C	1.6 - 13 mg/l P	Vanadomolybdate
Phosphate HR L	5 - 60 mg/l P	Vanadomolybdate
Phosphate HR PP	0.33 - 26 mg/l P	Phosphomolybdenum Blue
Phosphate LR C	0.02 - 1.6 mg/l P	Stannous Chloride
Phosphate LR L	0.02 - 1.0 mg/l P	Phosphomolybdic Acid / Ascorbic Acid
Phosphate LR T	0.02 - 1.3 mg/l P	Phosphomolybdenum Blue
Phosphate PP	0.02 - 1.6 mg/l P	Phosphomolybdenum Blue

Phosphate T. TT	0.02 - 1.1 mg/l P	Phosphomolybdenum Blue
Phosphate TT	0.06 - 5.6 mg/l P	Phosphomolybdenum Blue
Phosphonate PP	0.2 - 125 mg/l PO <sub>4</sub>	Persulfate UV Oxidation
pH-value HR T	8.0 - 9.6	Thymol Blue
pH-value L T	6.8 - 8.4	Phenol Red
pH-value LR T	5.2 - 6.8	Bromocresol Purple
pH-value TT	6.5 - 8.4	Phenol Red
Polyacrylate L	1 - 30 mg/l Polyacryl	Turbidity
Potassium T	0.7 - 16 mg/l K	Tetraphenylborat Turbidity
Silicate T	0.05 - 4 mg/l SiO <sub>2</sub>	Silicomolybdenum Blue
Silicate HR PP	1 - 90 mg/l SiO <sub>2</sub>	Heteropolyblue
Silicate L	0.1 - 8 mg/l SiO <sub>2</sub>	Heteropolyblue

Silicate LR PP	0.1 - 1.6 mg/l SiO <sub>2</sub>	Heteropolyblue
Sulphate HR PP	50 - 1000 mg/l SO <sub>4</sub>	Bariumsulphate Turbidity
Sulphate PP	5 - 100 mg/l SO <sub>4</sub>	Bariumsulphate Turbidity
Sulphite T	0.04 - 0.5 mg/l S <sup>2-</sup>	DPD / Catalyst
Sulphite T	0.1 - 5 mg/l SO <sub>3</sub>	DTNB
Surfactants M. (anion.) TT	0.05 - 2 mg/l SDSA	Methylene Blue
Surfactants M. (cation.) TT	0.05 - 1.5 mg/l CTAB	Disulphine Blue
Surfactants M. (non ionic) TT	0.1 - 7.5 mg/l Triton X-100	TBPE
Suspended solids 24	10 - 750 mg/l TSS	Turbidity / Attenuated Radiation
TN HR TT	5 - 150 mg/l N	Persulphate Digestion
TN LR TT	0.5 - 25 mg/l N	Persulphate Digestion

TOC HR M. TT	50 - 800 mg/l TOC	H <sub>2</sub> SO <sub>4</sub> / Persulphate / Indicator
TOC LR M. TT	5 - 80 mg/l TOC	H <sub>2</sub> SO <sub>4</sub> / Persulphate / Indicator
Triazole PP	1 - 16 mg/l Benzotriazole or Tolyltriazole	Catalyzed UV Digestion
Turbidity 24	10 - 1000 FAU	Attenuated Radiation
Urea T	0.1 - 2.5 mg/l Urea	Indophenol / Urease
Zinc L	0.01 - 1 mg/l Zn	Zincon / EDTA
Zinc T	0.02 - 1 mg/l Zn	Zincon