

Lovibond® Water Testing Tintometer® Group



Waste Water Set-Up SpectroDirect

Part Number: 712100



Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pharmaceutical Industry | Power and Energy

Application

Boiler Water | Cooling Water | Drinking Water Treatment | Galvanization | Raw Water Treatment | Waste Water Treatment

Measuring Range

Test Name	Measuring Range	Chemical Method
Ammonia HR TT	1.0 - 50 mg/l N	Salicylate
COD LMR TT	15 - 300 mg/l COD ^{b)}	Dichromate / H ₂ SO ₄
COD LR TT	3 - 150 mg/l COD ^{b)}	Dichromate / H ₂ SO ₄
COD MR TT	20 - 1500 mg/l COD ^{b)}	Dichromate / H ₂ SO ₄
Nitrate TT	1 - 30 mg/l N	Chromotropic Acid
Nitrite PP	0.01 - 0.3 mg/l N	Diazotation
Phosphate h. TT	0.02 - 1.6 mg/l P ^{b)}	Phosphomolybdenum Blue
TN HR TT	5 - 150 mg/l N ^{b)}	Persulphate Digestion

Technical Data

Auto – OFF	Yes
Portability	Benchtop
Compliance	CE

Delivery Scope Text

- Spectrophotometer with standard accessories
- Thermo reactor RD 125, COD tube tests 0 - 150 mg/l and 0 - 1500 mg/l
- Ammonia VARIO HR tube test 1 - 50 mg/l N
- Nitrate VARIO tube test 1 - 30 mg/l N
- Nitrite LR VARIO Powder Pack 0,01 - 0,3 mg/l N
- Nitrogen VARIO Total HR tube test 5 - 150 mg/l N
- Phosphate VARIO Total HR tube test 0.02 - 1 mg/l P / 0.06 - 3.5 mg/l PO₄
- 5 round cuvettes ø 24 mm
- Cuvette stand
- Membrane filter set
- Instruction manual
- Warranty information

Accessory

Title	Part Number
Round cuvette 24 mm, set of 12	197620
Round cuvette 24 mm, set of 5	197629
Round cuvette 16 mm, set of 10	197665
Adapter for round cuvettes 16 mm	19802190
Adapter for round cuvettes 13 mm	19802192
Thermoreactor RD 125	2418940
Membrane filter set for use when preparing samples, 25 membrane filters 0.45 µm, 2 syringes 20 ml	366150
Cuvette stand for 6 round cuvettes Ø 24 mm	418951
Cuvette stand for 10 round cuvettes Ø 16 mm	418957
Pipette tips*, 1-5 ml (white) 100 pc.	419066
Pipette tips**, 0,1-1 ml (white), 1000 pc.	419073
Automatic pipette*, 1-5 ml	419076
Automatic pipette**, 0,1-1 ml	419077
W100/OG/10MM Rectangular cell, optical glass	601040
W100/OG/50MM Rectangular cell, optical glass	601070
W110/UV/10MM Rectangular cell, Quartz UV	661130

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