

Lovibond® Water Testing

Tintometer® Group



Waste Water Set-Up MD 600

The complete waste water set-up from one source



- Mobile photometer MD 600
- Memory capacity for 1,000 measurement results
- Thermoreactor RD 125 with 24 tube holes
- Cheap reagents for COD determination

Part Number: 214100

Industry

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

Application

Drinking Water Treatment | Galvanization | Raw Water Treatment | Waste Water Treatment

Waste Water Set-Up MD 600

Everything from a single source for your wastewater control: digestion of sample cuvettes with the RD 125 thermoreactor, reliable sample analysis with the MD 600 photometer including interference filter and 120 pre-programmed methods including cost-effective reagents with extended measuring ranges and ValidCheck standard solutions for COD determination. In addition, you can check all important parameters of wastewater control with appropriate tube tests – from ammonium, nitrate and nitrite to nitrogen and phosphate.

Measuring Range

Test Name	Measuring Range	Chemical Method
Ammonia HR TT	1.0 - 50 mg/L N	Salicylate
COD HR TT	200 - 15000 mg/L COD ^{b)}	Dichromate / H ₂ SO ₄
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

Portability Benchtop

Delivery Scope

- Photometer 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
- Cuvette stand
- Membrane filter set
- Instruction manual
- Warranty information

Title	Part Number
Round cuvette 24 mm ø, set of 12	197620
Round cuvette 24 mm ø, set of 5	197629
Round cuvette 16 mm ø, set of 10	197665
Adapter for round cuvettes 16 mm ø	19802190
Adapter for round cuvettes 13 mm ø	19802192
Fixed price service package for MD600/MD610	19802702
Service plan - 3 years for MD600/MD610	19802802
Thermoreactor RD 125	2418940
Pipette Tips	365032
Pipette 100 µl	365041
Pipette, 200 µl	365042
Pipette, 1000 µl	365045
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 (blue), 1000 pc.	419073
Automatic pipette, 1-5 ml	419076
Automatic pipette, 0,1-1 ml	419077
Plastic funnel with handle (white)	471007
W100/OG/10MM Rectangular cell, optical glass	601040
W100/OG/50MM Rectangular cell, optical glass	601070
W110/UV/10MM Rectangular cell, Quartz UV	661130
Factory calibration certificate ISO 9001 for MD600/MD610/MD640/MultiDirect	999752

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