

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
- Data transmission via infrared & IRiM
- Thermoreactor RD 125 with 24 tube holes

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
- Infra-red data transmission module IRiM
- 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
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
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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