

# 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. **Note according to EU regulation 2019/1148**

This product contains restricted (acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148) as well as regulated explosives precursors as defined in Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. See [https://ec.europa.eu/info/index\\_en](https://ec.europa.eu/info/index_en)

### 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 <sup>b)</sup>	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD LMR TT	15 - 300 mg/l COD <sup>b)</sup>	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD LR TT	3 - 150 mg/l COD <sup>b)</sup>	Dichromate / H <sub>2</sub> SO <sub>4</sub>
COD MR TT	20 - 1500 mg/l COD <sup>b)</sup>	Dichromate / H <sub>2</sub> SO <sub>4</sub>
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 <sup>b)</sup>	Phosphomolybdenum Blue
TN HR TT	5 - 150 mg/l N <sup>b)</sup>	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 PO<sub>4</sub>
- Infra-red data transmission module IRiM
- Cuvette stand
- Membrane filter set
- Instruction manual
- Warranty information

## Accessories

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
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

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