

COD Set-Ups

Determination of the chemical oxygen demand index (ST-COD)



The Lovibond® COD Setups allow highly sensitive and precise water testing with minimum effort. They measure the ST-COD concentration by photometric detection employing a linear relationship between absorbance and concentration.

After adding the sample to a Lovibond® COD tube test (LR, MR according to ISO 15705:2002), it is heated in the reactor for two hours at 150 °C and then analysed in the photometer.

The COD Setups comprise the photometer, 25 tube tests for each of the two lower measuring ranges, a reactor for sample digestion and a vial stand.

Applications:

- Raw Water Treatment
- Waste Water Treatment

Products:

Title	Parameter and Range	Part Number
COD Set-Up MD 100	COD HR TT 200 - 15000 mg/l CODb) COD LMR TT 15 - 300 mg/l CODb) COD LR TT 3 - 150 mg/l CODb) COD MR TT 20 - 1500 mg/l CODb)	276130
COD Set-Up MD 110	COD HR TT 200 - 15000 mg/l CODb) COD LMR TT 15 - 300 mg/l CODb) COD LR TT 3 - 150 mg/l CODb) COD MR TT 20 - 1500 mg/l CODb)	2961302
COD Set-Up MD 200	COD HR TT 200 - 15000 mg/l CODb) COD LMR TT 15 - 300 mg/l CODb) COD LR TT 3 - 150 mg/l CODb) COD MR TT 20 - 1500 mg/l CODb)	2892602
COD Set-Up MD 600	COD HR TT 200 - 15000 mg/l CODb) COD LMR TT 15 - 300 mg/l CODb) COD LR TT 3 - 150 mg/l CODb) COD MR TT 20 - 1500 mg/l CODb)	214040
COD Set-Up MD 610	COD HR TT 200 - 15000 mg/l CODb) COD LMR TT 15 - 300 mg/l CODb) COD LR TT 3 - 150 mg/l CODb) COD MR TT 20 - 1500 mg/l CODb)	214041