

Hach is the world-leading supplier of water quality monitoring equipment, accessories and reagents that are designed to make water analysis accurate, efficient, and easy to conduct. From the lab to the field and factory, Hach equipment and reagents provide total confidence in the measurement of the many water analysis parameters for various applications such as drinking, process water and discharge of effluent into the environment.

Hach offers an enormous range of products suitable for every testing, analysis, and monitoring application imaginable, all supported by local specialists as well as direct access to the Hach Service network for more specific advice. A limited range of the more commonly demanded products are detailed, though specifications of equipment for more specialized applications are available on request.

LAB INSTRUMENTS

Equipment	Description
Spectrophotometers 	Dr6000 - Benchtop spectrophotometer with the capability to scan across UV/Vis spectrum at 190 - 1100 nm suitable for lab operations. DR3900 - Benchtop visible spectrum, split beam spectrophotometer suitable for lab operations. Wavelength range: 320 - 1100 nm DR1900 - Portable and field-suitable spectrophotometer. Wavelength range: 340 - 800 nm. All Spectrophotometers are equipped with up to 220 in-built programs for testing a variety of parameters and are equipped with USB ports for data transfer. Mostly used in Drinking and Industrial water, Power, and Beverages sectors
Calorimeters 	DR900 - Portable field-durable colorimeter able to perform up to 90 tests with an intuitive user interface, data storage for up to 500 tests and a built-in USB port for data transfer. Wavelength Range: 420 nm, 520 nm, 560 nm, 610 nm. DR300 - single parameter or wavelength specific portable pocket colorimeter able to perform up to 20 tests with USB ports for data transfer. Applications: Boiler Water Cooling Water Power Water Treater Drinking Water Wastewater Food and Beverage Clean in Place (CIP) Pool and Spa Pulp and Paper.
Turbidity Meters 	TU52 - For drinking water and other clean water applications. Range: 0 - 700NTU. TU5 series is equipped with the latest 360° x 90° Detection Technology, resulting in the most sensitive and accurate readings possible. TL23 - For high turbidity range applications up to 10,000NTU such as wastewater applications 2100Q - Portable turbidity meters testing a range of 0 - 1,000NTU.
Titration Systems 	Manual Titrator - High resolution (125µL/digit) and high accuracy (±1%) titration equipment. Applicable in titration for more than 40 parameters with interchangeable cartridges. Automatic/ Potentiometric Titrators - TitrLab AT1000 & KF1000 Series - Used with different application packages and designed to test unique parameters to ensure accurate and reproducible measurements immediately. AT1000 Series - Consists of the application package and the Titrator which make it quick and easy to use in the lab. Used in high-capacity testing laboratories. Titration systems application areas: Drinking Water / Wastewater, Food / Beverage, Petrochemical, Biogas
BODTrak II Apparatus 	Simplified BOD analysis with the BODTrak™ II Respirometric BOD Apparatus, control unit and stirrer with pressure sensors for 6 bottles. Low Temperature BOD Incubator sold separately. The apparatus automatically ends the test and stores the results after the chosen BOD measurement programme of 5, 7 or 10 days. Measuring range 0-700 mg/L O ₂ , variable.
DRB200 Digital Reactor 	The DRB200 dry thermostat reactor offers effortless operation using Hach's preset digestion methods. It rapidly heats from 20° to 150°C within 10 minutes, suitable for metal and nutrient analysis or biological sample digestion. Precise temperature control (37 to 165°C) and adjustable time settings (1-480 minutes) are available. It accommodates 13mm, 16mm, and 20mm round vials, supporting simultaneous digestions via dual block models.

PORTABLE FIELD INSTRUMENTS

Equipment	Description
HQ / HQD Meters / Intellical Probes 	Handheld multiparameter meters using Intellical probes featuring automatic parameter and buffer or standard recognition in the laboratory and field applications. Wide variety of probes available for measuring pH, Dissolved Oxygen, Conductivity, Total Dissolved Solids, Ammonia, Ammonium, Chloride, Fluoride, Nitrate, Sodium, Biochemical Oxygen Demand and RedOx (ORP).
Pocket Testers 	Pocket Pro Testers - Portable, convenient solutions for pH, ORP, conductivity, TDS, salinity, and temperature, delivering accurate results with replaceable sensors. Pocket Dissolved Oxygen (DO) Meter - Measures Dissolved Oxygen (DO) to determine water quality in a variety of applications including wastewater, aquariums, and fish hatcheries. Simultaneously displays DO and temperature readings
SL000 Portable Parallel Analyzer (PPA)/ Chemkeys 	SL1000 Portable Parallel Analyzer (PPA) performs the colorimetric water tests 75% faster by using Chemkey reagents instead of powder pillows. Get highly accurate results, with less opportunity for errors, in a fraction of the time, Up to 6 parameters tested simultaneously. Chemkey reagents are available for measuring for the following: - Colorimetric tests: Monochloramine, Free & Total Ammonia, Free & Total Chlorine, Nitrite, Copper, HR & LR Orthophosphate, HR & LR Hardness, HR & LR Alkalinity, Dissolved Iron, Peracetic Acid. Probe-based tests: pH, Conductivity, ORP, Dissolved Oxygen, Nitrate, Chloride, Sodium, Ammonia, Fluoride.