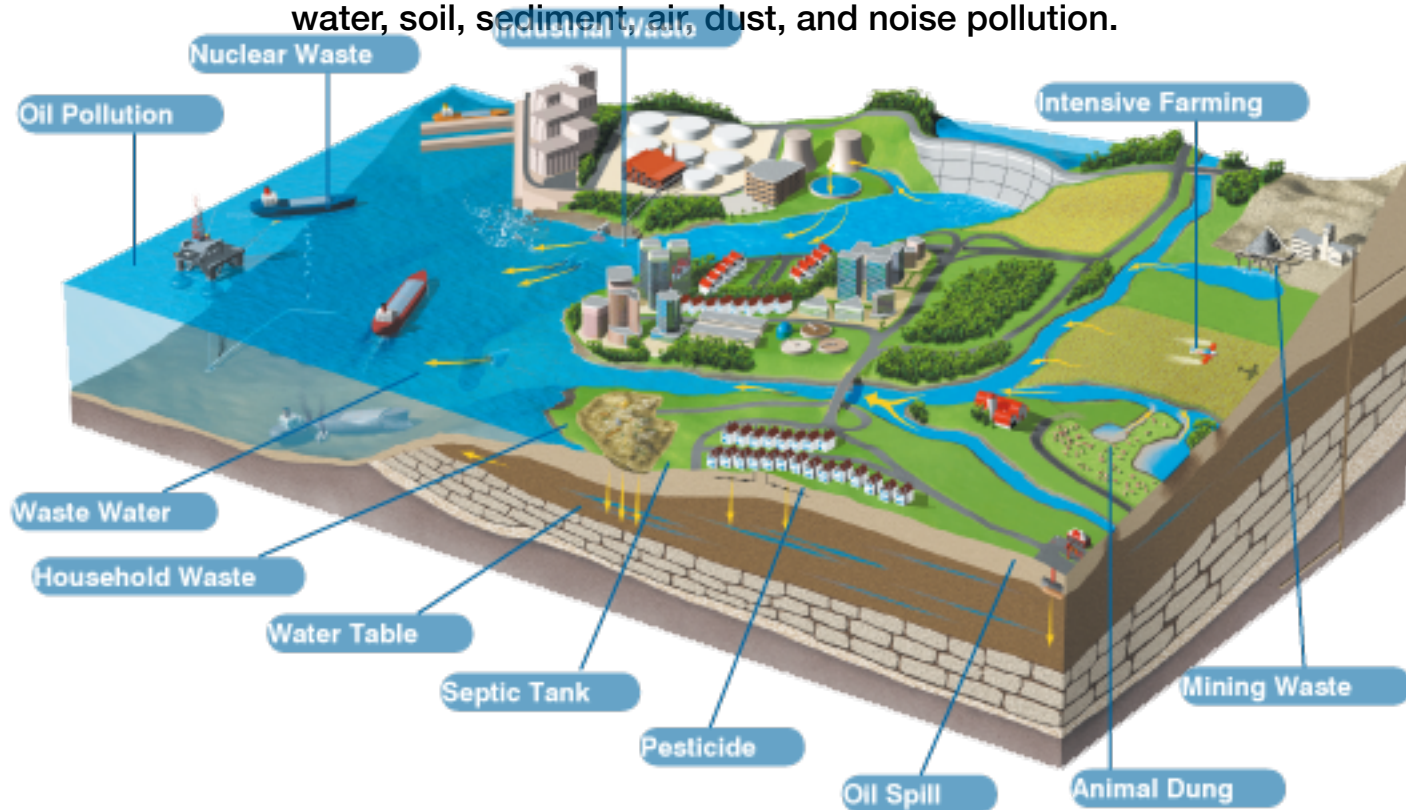


Environmental Catalogue

Introduction

WAGTECH PROJECTS 

Our Environmental Catalogue contains an extensive range of field and laboratory instruments for use by environmental scientists and technicians to sample and monitor, water, soil, sediment, air, dust, and noise pollution.





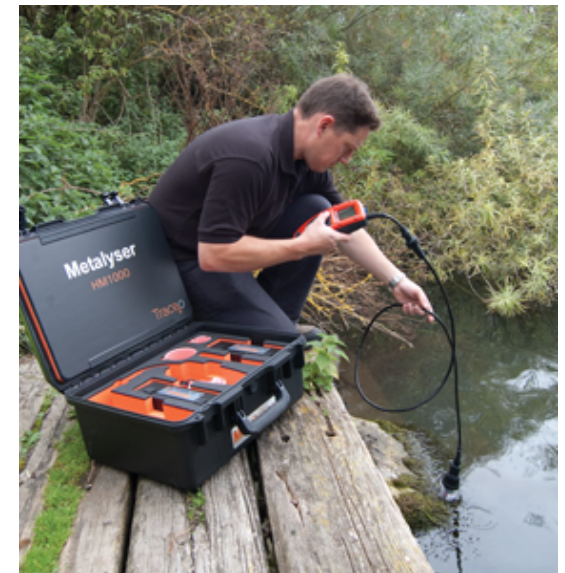
Catalogue Content

- Water Quality Testing
- Hydrology & Groundwater
- Soil / Sediment Sampling & Analysis
- Meteorology
- Toxic Gas Detection
- Air / Dust Sampling & Monitoring
- Air Quality Monitoring
- Noise & Vibration Monitoring
- Laboratory Analytical Equipment
- Mobile Laboratories

Water quality is the physical, chemical and micro biological characteristics of water. It is a measure of the condition of water relative to the requirements of one or more biotic species and any human need or purpose.

Water Quality Testing is divided into the following sections:

- Water Testing Kits
- Testing for Heavy Metals in Water
- Waste Water Testing & Toxicity
- Kjeldahl-Determination Of Total Kjeldahl Nitrogen (TKN)
- Flocculators
- Toxicity
- Oil In Water
- Digital Meters
- Multi-Parameter Water Quality Meters
- Remote Water Quality Monitoring



Metalyser Portable HM1000

Example products in this section:



Potalab



Metalysers



BOD
Merc-Free Analysis Sensor



Digestion Units



Acid Mining test Kit



Portable Hydrocarbon Analyser



Portable Flocculators

Environmental Catalogue

Hydrology & Groundwater

WAGTECH PROJECTS  T₂O

In any water resources assessment study, long term measurements of water quality, flow, level, and depth are crucial to produce accurate data for later processing and analysis.

Section categories:

- Current Flow Monitoring
- Water Level Monitoring
- Geophysical Testing
- Water Sampling



Environmental Catalogue

Current Flow Monitoring • Water Level Monitoring
Geophysical Testing • Water Sampling

WAGTECH PROJECTS 

Product examples..



Flow Meters



Van Dorn Water Sampler



Automatic Water Sampler



Earth Resistivity Kit



Water Level Logger Kit

Environmental Catalogue

Soil / Sediment Sampling & Analysis

WAGTECH PROJECTS 

Soil that is contaminated contains substances that are actually or potentially hazardous to health or the environment. Current or previous industrial production can lead to land becoming contaminated by human activities such as mining, industry, chemical and oil spills and waste disposal. Contamination can also occur naturally as result of the geology of the area, or through agricultural use.

Section categories:

- Soil Sampling
- Sediment Sampling
- Soil Moisture & Analysis
- Hydrocarbons in Soils



Environmental Catalogue

Soil Sampling

WAGTECH PROJECTS 



Soil Survey Kit



Riverside Hand Augers



Soil Texture Kit

Environmental Catalogue

Sediment Sampling

WAGTECH PROJECTS 



Sludge & Sediment Sampler Kit



Van Veen Bottom Sampler



Portable Suspended Solids Meter

Environmental Catalogue

Soil Moisture & Analysis

WAGTECH PROJECTS 



Soil Moisture Meter



Direct Soils pH Measurement Kit



Soil Analysis Kit

Environmental Catalogue

Hydrocarbons In Soils

WAGTECH PROJECTS 



Soil Test Kit for
Total Petroleum Hydrocarbons



Portable VOC Detector



Portable Landfill Gas Monitor

Environmental Catalogue

Meteorology

WAGTECH PROJECTS  T₂O

A range of conventional and high technology instruments for measuring and recording weather data

Section categories:

- Automatic Weather Stations
- Manual Weather Stations & Instruments



Environmental Catalogue

Automatic Weather Stations

WAGTECH PROJECTS 



Automatic Weather Station



Indoor / Outdoor
Automatic Weather Station



Automatic Weather Station
(Budget)

Environmental Catalogue

Manual Weather Stations

WAGTECH PROJECTS 



Digital Wireless Indoor / Outdoor Thermometer



High Accuracy Thermo-Hygrometer



Manual Weather Station

Environmental Catalogue

Toxic Gas Detection

WAGTECH PROJECTS  T₂O

Toxic gases are present in a wide variety of industrial and civil installations and their detection and monitoring is crucial for the safe working conditions of staff and of the public in general.



Portable Gas Detectors



Gas Leak Detector



Personal multi-Gas Detector

Environmental Catalogue

Air / Dust Sampling & Monitoring

WAGTECH PROJECTS 

Dust consists of particles in the atmosphere that originate from various sources such as soil dust raised by the wind, volcanic eruptions, and pollution caused by human activity.

Section categories:

- Ambient Dust Sampling
- Ambient Dust Monitoring



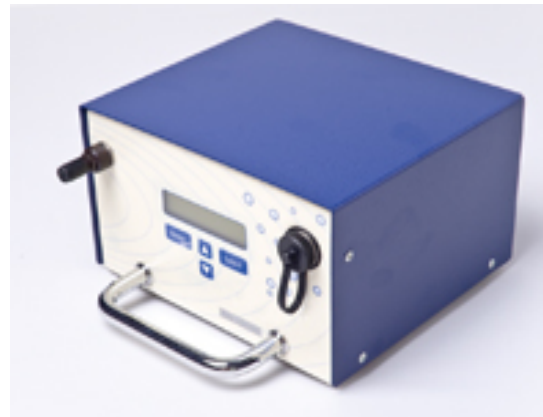
Environmental Catalogue

Ambient Dust Sampling

WAGTECH PROJECTS  T₂O



Dust Deposit Gauge



Air Sampling Pump



General Dust Sampling & Monitoring Kit

Environmental Catalogue

Ambient Dust Monitoring

WAGTECH PROJECTS 



**Hand Held Airborne
Particulate Monitor**



**Airborne Particulate
Monitor**



**Portable Ambient Air
Sampler (PAAS)**

Environmental Catalogue

Air Quality Monitoring

WAGTECH PROJECTS  T₂O

Air quality monitoring provides raw measurements of air pollutant concentrations and with appropriate analysis and interpretation, these measurements can be transformed into useful information about air quality.

Section categories:

- Air Quality Monitoring
- Industrial Flue Gas & Vehicle Exhaust Emission Monitoring
- Radiation Detectors



Environmental Catalogue

Air Quality Monitoring

WAGTECH PROJECTS  T₂O



Air / Vapour Sampling Kit



**Vehicle Exhaust
Gas Analyser**



Radiation Survey Meter

Environmental Catalogue

Noise & Vibration Monitoring

WAGTECH PROJECTS 

Excessive noise and vibration levels in the environment created by industrial, transportation, construction and mining activity is a major cause for concern to both the public and local authorities and can lead to high stress levels in humans and prolonged ill health.



Mini Digital Sound Level Meter



Safety / Environment
Sound Meter



Blast Monitoring Seismograph

Environmental Catalogue

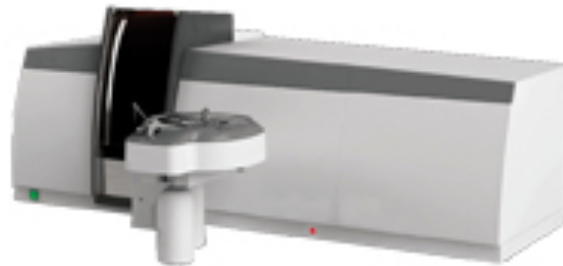
Laboratory Analytical Equipment

WAGTECH PROJECTS  T₂O

A wide range of specialised analytical and general laboratory equipment is required to analyse fully the quality of water, soil, dust and air in the environment.



UV-Visible Spectrophotometers



Atomic Absorption Spectrophotometer



Gas Chromatograph

Environmental Catalogue

Mobile Laboratories

WAGTECH PROJECTS 

Mobile laboratories, vehicles and trailers are designed to meet all possible requirements for rugged use in cold or tropical climates. A wide range of water quality and environmental monitoring products and accessories are available which makes this a flexible solution for a number of different applications.



Mobile laboratory
Landrover



Interior