

ANALYTICAL EQUIPMENT

SRM, Morecambe have the following analytical devices:

1. GCMS- one machine
2. GC/FID - four machines.
3. Headspace attachment for GC - one machine.
4. Thermal desorber attachment for GC - one machine.
5. Ion chromatograph with conductivity detector for anions analysis – two machine.
6. ED-XRF - two machines.
7. Bomb calorimeter - two machines.
8. Karl Fischer titrator - three machines.
9. Colorimeter - one machine.
10. Conductivity meter - one machine.
11. pH meter - one machine.
12. Centrifuge - one machine.
13. Balances - two machines.
14. Muffle Furnace – one.
15. Hat plates – two.
16. Rotary Evaporator – one.
17. Vacuum Pump – one.

In addition, SRM, Morecambe have small scale glass apparatus for distillation simulation.

ANALYTICAL EQUIPMENT

SRM, Rye Harbour has the following analytical devices:

1. GC-MS - one machine.
2. GC-FID - four machines.
3. GC-FID/ECD - purge & trap and headspace - one machine.
4. GC-FID/ECD - on-line VOC - one machine.
5. GC-FID & TD4 - one machine.
6. DTA Apparatus
7. Karl Fischer - 2 machines.
8. Coulometric water - 2 machines.
9. pH meter - two machines.
10. Bomb calorimeter - one machine.
11. Ion chromatograph - one machine.
12. ED-XRF - one machine.
14. Colorimeter - two machines.
15. Conductivity meter - three machines.
16. Do meter - one machine.
17. Centrifuge - one machine.
18. Gas detector - three machines.

In addition, SRM, Rye Harbour have miscellaneous test kits, distillation equipment and hydrometers.

ANALYTICAL EQUIPMENT

SRM, Sunderland have the following analytical devices:

1. GC's - 3 machines at Hendon, two machines at North Tyne, 5 machines at Ocean Terminal.
2. ED-XRF – two machines at Ocean Terminal
2. Karl Fischer - 1 machines at Hendon, two machines at North Tyne and 2 machine at Ocean Terminal.
3. Bomb calorimeter – two machines at Ocean Terminal.
4. Ion chromatograph – 3 machines at Ocean Terminal.
5. Thermal stability testing equipment - one machine.
6. Refractometer - one machine.
7. Rotary evaporator - one machine.
8. Vacuum pumps - two machines.
9. Muffle furnace - one machine.
10. Balance - one machine at Hendon, one machine at North Tyne and 3 machines at Ocean Terminal.
11. Viscometer – one machine at Ocean Terminal

In addition, SRM Sunderland have distillation apparatus - various column sections.

ANALYTICAL EQUIPMENT

SRM, Knottingley have the following analytical devices:

1. Gas Liquid Chromatograms - six machines
2. Headspace analyser - two machines
3. Ion Chromatograph and PC work station - one machines
4. Bench-top photometer – one machine
5. Coulometric Karl Fischer titrators - five machines
6. ED-XRF - one machine
7. Automatic distillation apparatus - two machines
8. Automatic flashpoint apparatus - two machines.
9. Four place analytical balances - three machines
10. Two place top pan balance - one machine
11. Three place top pan balance - one machine
12. Combined balance and moisture analyser – one machine
13. Vacuum pumps - three machines
14. Combined pH and TDS meter - one machine
15. pH meter - two machines
16. Portable colorimeter - one machine
17. Bench-top colorimeter - one machine
18. Hydrometers - various covering range from 0.6-1.6
19. Conductivity Meter – one machine
20. Bomb Calorimeter – one machine
21. Automated Thermal Desorber – one machine.
22. Refractometer – one machine.

In addition, a variety of glassware and apparatus is available for distillation and preparative work.