

#### INCUBATORS

D381 Incubator,LEEC Model GA35N,CO2,1250x500x500mm.  
D477 Incubator,GALLENKAMP,Model INF 631Q,cooled,temp.cycling.  
D478 Gallenkamp,Size 2,static,470x470x460mm,97litres  
D410 Incubator,Scotlab VSL,600w x 800h x 500d. 2 available.  
D477 Gallenkamp,Size 2,fan,470x470x460mm97litres  
D414 LEEC,GA150,SS lined,Fan,CO2,600x500x480mm,  
D475 Flowlab IR1500,SS lined,fan assisted CO2 ,digital,3 available..  
D480 Astell JBH000,cooled,fan,digital,500x500x800mm.  
D481 Jouan IG150,fan,CO2,Digital,450x450x450mm.SS lined.  
D500 JenconsN Nuair IR Autoflow water jacketed incubator,SS lined

#### OVENS

D482 B&T Unitemp,SS lined,fan,520x470x430mm.100 litres.  
D483 LTE Unitemp,SS lined,fan,400x400x400mm,65 litres.  
D484 Barlow Whitney industrial oven,3kw,700x600x700mm,340 litres,300C.  
D486 Hybaid hybridisation oven,SS lined,digital,400x400x400mm,65 litres.  
D497 Vindon SS lined,100 litre oven,convection.(2 off)  
D501 Heraeus SS lined fan oven,50 litre capacity.

#### ENVIRONMENTAL CHAMBERS

D487 Ringway Apel,Model 250/H/C40/F,SS lined,630 x 630 x 630mm.  
D502 Fisons ModelTR70 MU/MW/LAA/FS,SS lined ,900 x 900 x 900mm  
Range -70 to+100C.

-----WATER BATHS-----

B596 Grant SUB6 unstirred heated water bath, stainless steel ,140 x 300 x 150mm deep,6 litres capacity  
B597 Grant SUB14,unstirred,heated water bath,SS,150 x 300 x 325mm deep,14 litres capacity  
B598 Grant W6 ,6 litre bath with type KD heater /circulator unit.  
B599 Grant SX14, stirred,heated,14 litre capacity. 2 available.  
B600 Grant W38 with TD series bridge SS , 690mm x 300mm x 200mm deep,38 litres capacity.  
B601 Grant W38 with TD series bridge SS , 690mm x 300mm x 200mm deep,38 litres capacity.

UNSTIRRED

B333

Grant BB1,3.5 litres,290 x 120 x 80mm deep.

REFRIGERATED BATH/CIRCULATORS,DIP COOLERS.

B335 Haake NF22,230 x 230 x 200mm,HD pump.  
B336 MGW Lauda,K2R.  
B337 Techne FC200,Flow Cooler.  
B338 Techne RB12 refig. Bath with TU16D Tempunit.(digital)  
B339 Techne RU5,Dip Cooler.  
B415 Grant Dip Cooler.  
B504 Haake K refig. Bath with F2 thermocirculator.

-----pH ,CONDUCTIVITY,DISSOLVED O2-----

P341 Camlab,Hach One,Mains or Battery pH meter  
P393 Jenway 3020 pH meter,RS232 and printer output.mV range.  
P511 Jenway 3010 pH meter, battery operated.  
P512 Jenway 3015 pH meter,mains.

-----CENTRIFUGES-----

C505 Denley BR401 refrigerated benchtop centrifuge,6000rpm.  
C506 HeraeusMinifuge T,refrigerated benchtop.4 x 100ml upto 4000rpm.  
C507 IEC Centra 7R,Refrig.benchtop.  
C522 Beckman Allegra 6R.Refrigerated Benchtop,Max.8000rpm.

-----CHART RECORDERS-----

R122 Phillips 8252 Dual Pen Recorder(2 off).  
R509 Goerz 120 Servogor.single pen.  
R510 Kipp & Zonen BD111

-----LIQUID CHROMATOGRAPHY-----

L291 LKB 1130 Ultrograd Gradient Mixer.  
L292 LKB 2111 MultiRac.  
L293 LKB 2150 HPLC Pump.  
L513 LKB 2138 Uvicord UV Detector.

-----GLC EQUIPMENT-----

G317 Varian Star A3400CX with A8200 Autosampler,NPD Detector  
G318 Varian Star A3400 with A8200 CX Autosampler with Saturn 3 Mass Spectrophotometer.  
G408 Chrompac L90001 with Autosampler,twin FID,capillary.  
G523 Philips PU4500,twin FID detectors,programmable,digital temp. readout.  
G494 PhilipsPU4550,twin ECD detectors,prog.,digital temp.readout.  
G495 HP5890 ,FID/TCD .  
G498 Perkin Elmer 8420,Single FID/Capillary with split/splitless injection.  
G524 Chrompac CP9003 ,Fisons A200S autosampler/twin FID.

-----HPLC EQUIPMENT-----

C525 Perkin Elmer 200 Series HPLC System comprising PE200 Autosampler, 2 x 200 series micro LC pumps,785A Variable wavelength UV/VIS Detector,2 x 900 series interface boxes,computer plus software.  
C526 Shimadzu SPD10 AV Variable Wavelength UV/VIS Detector plus LC10AD Pump.  
C527 Shimadzu SPD6AV Variable Wavelength UV/VIS Detector plus 2 x LC6A pumps plus SCL-6B system controller plus CR3A Integrator.  
C528 Waters Delta Prep. 4000 System including Waters 486 UV/VIS Variable wavelength detector,computer and Millenium software. and fraction collector.  
C529 Shimdzu FLD6A Fluorescence detector  
C298 Gilson UV/VIS Detector,Model 112(4 off)  
C300 Gilson 305 Programmable Pump  
C301 Gilson Holochrome UV Detector.  
C302 Gilson 303 Pump.  
C304 Gilson 302 Pump.  
C305 Gilson 303/302 pumps,without heads.  
C307 Eiscoff RI Detector.  
C499 Polymer Labs. PL.EMD950 Evaporative Mass Detector  
C313 Waters 590 Programmable Pump  
C369 Waters U6K Injector.  
C314 Waters R401 Differential Refractometer Detector.  
C315 Tracor 945 Mass Detector.  
C316 Bioanalytical SystemsInc. ,Amperometric Detector.  
C317 Kipp Analytica HPLC Autosampler.  
C514 HPLC Column Packer,Magnus Scientific Model P6060.

-----SPECTROPHOTOMETERS-----

-----UV/VIS-----

S415 Beckman DU650, Scanning UV/VIS, suitable protein analysis, kinetics  
S126 Kontron, Uvicon 860.  
S371 Beckman DU20 UV/Vis, self validating.  
S515 Varian DMS100, twin beam, scanning, monitor  
S516 Shimadzu UV160, twin beam, scanning, monitor

-----FUME CUPBOARDS-----

F517 Safelab Kensington Recirc. with elec. operated sash. 150mm wide.

----MICROB. SAFETY CABINETS-----

L324 Envair Class 1, MODEL MSC/1/M  
L325 Gelaire Class 1, No74633.  
L411 Gelaire Class 11, Model BRB, 1200mm wide.  
L416 Microflow Pathfinder, Class 2. (2 available).

-----MICROSCOPES-----

M387 Watson Service 1, Mechanical Stage, X10, X30, X50 objectives  
10 eyepiece, no illumination, Monocular.  
M388 Cooke Troughton & Simms, Monocular, X40, X90 (oil immersion)  
objectives, X8 eyepiece, no illumination.  
M389 Cooke Troughton & Simms, Binocular, X5, X40, X95 objectives  
8 eyepieces, illuminated, mechanical stage.  
M390 objectives, X8 eyepiece, no illumination.  
fixed stage illuminated.  
M530 Wild M3Z Stereo Zoom.

-----PERISTALTIC PUMPS-----

P346 Watson Marlow 101UR, max flow rate 52ml/min. at 32 rpm.  
P347 Watson Marlow 202U/1, 50 rpm, flow rate 10.2ml/min.,  
4 cassettes, digital.  
P348 Watson Marlow 202U/1, 8 channel microcassette head,  
flow rate 24 microlitres, digital.  
P349 Watson Marlow 502S, 16 microcassette head  
P518 Watson Marlow 603S/R  
P519 Watson Marlow 701S/R  
P350 Watson Marlowe 100S

P351 Millipore V/S (6-600 rpm) pump with Cole Palmer Head.

-----SHAKERS-----

S396 Stuart 8-place wrist action shaker.  
S397 Gallenkamp 4-place wrist action shaker.  
S518 GFL 3012 gratory shaker 300mm x 450mm.

-----STIRRERS-----

MAGNETIC  
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S358 B & T Hotspin 2, Magnetic stirrer hotplate.  
S388 Rodwell Revostir reversible mag. stirrer.  
S389 Gallenkamp stirrer hotplate, model SWT500 010L  
S390 Rodwell Monotherm, stirrer hotplate.  
S391 Gallenkamp, magnetic stirrer, Model SWT300 010.  
S519 IKA mag. stirrer.  
S520 Stuart mag. stirrer.  
S531 IKA Hotplate Stirrers.

-----BLENDERS, MILLS-----

S359 Waring lab. blender, Model 810G, SS container.  
S360 IKA Analytical mill, Model IKA10, jacketed.  
S361 Stomacher, Seward Model BA6020.  
S414 Stomacher, Seward Model BA6021,  
S365 New Brunswick ROLLACELL, Model RC-41, 5 rolls, v/speed.

S409 Bellco 9 deck cell roller,variable speed.

-----VACUUM EQUIPMENT-----

V418 Edwards E2M8 Vacuum Pump(8m3.hr)  
V420 Edwards Speedivac 2Vac.Pump(2.7m3.hr,s/stage)  
V421 Varian Vac Pump,Ult. Vac.15x10-2.approx.8m3.hr.  
V521 Fisher RZ5,5.6m3 per hr,4x10-4 mbarr.  
V532 Savant benchtop freezedrier  
V532 Edwards Modulyo 4L freezedrier.  
V533 Edwards RV8 Pumps  
V534 Edwards RV5 Pumps  
V535 Edwards RV3 pumps  
V487 Brookfield DV1HBTD with spindles.  
V522 Rheometrics stress rheometer  
V523 Perkin Elmer UNIX DMA7 Dynamic Mechanical Analyser

ROTARY EVAPORATOR

E536 Bucchi Model R114 plus B480 bath(several available)

WEIGHING EQUIPMENT

W537 Mettler Toledo AT460 analytical,delta range,405g/0.1/0.01mg.  
W538 Mettler Toledo SAG-285 Weighing System,41g/0.01mg.  
W539 Sartorius Research RC210D  
W540 Sartorius BP310 polyrange,310g/0.01g/0.001g.(3 available)  
W542 Sartorius L220S-X,Ex rated balance,220g/0.001g.  
W488 Mettler AE200 analytical,digital balance.200g/0.1mg.

W489 Mettler AE163 analytical, digital balance.160g to 4/5 places  
W490 Sartorius 3706 top pan,digital,320g/1mg.  
W491 Mettler AT21 Comparator,20g/0.000001g.  
W492 Ohaus Harvard Trip balance,2-pan,,210g/0.1g upto 2kilo with weights.  
W493 Ohaus Dialogram,2-pan,100g/0.01g,upto 2kilo with weights.  
W495 Mettler Digital Top Pan ,30kg/1g,very good condition.  
W496 Avery Digital Top Pan,30kg/1g,very good condition.

