



**Process Analysis
& automation**

LA202

Overlord3 drivers by Instrument Type

Version 2012 #1

Atomic Absorption

Thermo SOLAAR Atomic Absorption Spectrometer

Autosampler

CTC Autosampler

Balance

Mettler PM & AT balances

Barcode Printer/Plate Labeller

Beckman Sagian print & apply
Cedrex tube labeler/labeller
Toshiba B-SA4TM label printer (manual)
Velocity 11 VCode label printer (apply)

Barcode Reader

FluidX xtr-1/xtr96 2D
Keyboard wedge
Keyence range
Matrix Visionmate 2D/96 2D/96
Brooks/Nexus/REMP 2D
Serial barcode reader
Symbol LS1220

Capper/Decapper

Cedrex CSD-8/CSD-8_96/CSD-96F
FluidX xsd-96/xdc-96pro
Brooks/Nexus/REMP ACD96

Cell Picker

automate.it pixcell

Centrifuges

SIAS Ixion centrifuge
Sigma centrifuge
Thermo (Jouan) GR4 Auto centrifuge
Velocity 11 VSpin centrifuge

Communications

TCP/IP

DNA related (PCR, etc)

ABI 7900HT Real time PCR
AGOWA Magnetic separator
Biometra T-Robot PCR engine
MJ Research Single/Dyad/Tetrad PCR
Roche LightCycler 480
Thermo Hybaid MBS PCR engine
Thermo Labsystems Kingfisher 96

Factory Automation & IO

OMRON plc
Siemens Asi IO system
Audon Electronics USB IO controller

General

TCP/IP/TWAIN/DDE/Serial

Heater shaker

CAT S20X/S20H new range Heater/shaker
Eurotherm controllers heater/cooler
Inheco Heater/Shaker/ Multi TEC controller

High Content Imagers

GE Healthcare IN Cell (1000,2000,3000,6000)
Guava EasyCyte
MD (Genetix) Cell Reporter/CloneSelect
Molecular Devices ImageXpress
PerkinElmer Opera / Operetta
Roche Cellavista
Thermo Cellomics Arrayscan

Incubator/Storage/Stacker/Thermostatic bath/rack

AB stacker
automate.it Carousel
PerkinElmer (Caliper) Scitec Carousel
Hudson PlateSilo
Hamilton Microlab shaking incubator
High Res Eng Microserve/Steristore
Inheco 12 place incubator/thermostatic racks/shakers/MultiTEC
KBiosystems Scorpion/Viper stacker
Liconic range of incubators
Matrical Ministore
Brooks/Nexus/REMP Universal Store
Peak Carousel
PerkinElmer LS PlateStak
TAP Carousel
Tecan shaking incubator/carousel
TekCel PlateStore

Thermo (HAAKE) Thermostate bath

Thermo (Jouan) MolBank

Thermo Cytomat 2/24/44/6xxx

Titertek Titan

Thermo RapidStak plate stacker

Thermo Carousel hotel

UTI stacker

Velocity 11 BenchCel Stacker

Input/output

Audon Electronics USB IO controller

Phidget 888 IO Board

Serial to mains on/off

IOAdlink

Laboratory Robots/plate transport

Activar Quickdraw tracks

automate.it scara 2 & 4 arm/TUBEstar/WELLstar/STORstar/X-Link

automate.it Verticell sample processing system

PerkinElmer (Caliper/Zymark) Twister I & II

Denso VS-6556E robot

Hamilton Microlab SWAP

Hudson Plate Crane

Mitsubishi old & new range of robots

Sands Robot R16

SSI Biotower

Staubli range of robots

Thermo LS Twister I Hamilton SWAP

Thermo Catalyst 5 & X

Lidding/delidding

High Res Eng LidValet

Liquid Chromatography (LC)

Agilent 1100 LC

Liquid dispensers & handling

automate.it personal pipettor
Apricot PP / TPS-24/96/384 pipettors
ASYS FlexiSpense 2
Beckman FX/NX/Multimek/2000/3000
Bio-Tek uFill & Precision/Elx406
uFill/MicroFlo
PerkinElmer (Caliper) RapidPlate / Sciclone
ALP/1000/ALH3000/Zephyr
Cybio CyBi-Well/Platamate
Deerac Equator/Latitude
FluidX xpp-712 Personal Pipettor Genetix AliQuot
Digilab (Genomic Solutions) Hummingbird
Gilson 215 system

Hamilton 2200/4000/AT+/S/SD/Duo/STAR

Hamilton Multi Valve Positioner

IDEX (Innovadyne) Nanodrop & Nanobuilder

Labcyte Echo 520/550/555 dispenser

Molecular Devices AquaMax 1536/FLEXstation

PerkinElmer Evolution P3/MultiPROBE II/JANUS

PerkinElmer FlexDrop

PerkinElmer MiniTrak / ImageTrak / PlateTrak

Qiagen Biorobot series

Raudszus Module (milk analysis)

Redd & Whye Predator

SIAS Xanthus Liquid Handler

Tecan Genesis/EVO/Te-mo

Thermo Multidrop 96/384/deep well/Combi/nL

Thermo Wellpro 384 / Hydra 96/384/ PlateMate/ PlateMate

Plus / SerialMate / WellMate

TTP Mosquito

Velocity 11 Vprep/Bravo

Zinsser LISSY

Mass Spectrometer

Applied Biosystems FlashQuant

MDS Sciex API – 4000 Mass Spectrometer

Microscope

Innovatis Cellscreen

Tritek Microscope

pH

Hanna pH meter

Plate Readers

ABI Perceptive Bio CytoFluor 4000

Assaymetrics Fluorospec FL

Aurora Biosciences VIPR I & II

Berthold Orion L/II

Bio-Tek legacy and current readers

BMG legacy and current readers

Dynex MRX Revelation

Essen IncuCyte

ForteBio Octet 384

GE Healthcare LEADseeker

Guava EasyCyte

Molecular Devices FLIPR / legacy and current

readers/Micro&Ultra/Isocyte/Paradigm

MSD SECTOR Reader

PerkinElmer EnVision/Fusion/Top Count /Victor

3/ImageTrak/MiniTrak/PlateTrak

ViewLUX/ MicroBeta Trilux / MicroBeta 2 Trilux

SRU Biosystems BIND reader

Tecan legacy and current readers

Thermo all legacy and current readers, inc Skanit

TTP Acumen

Plate Reader (Beads)

ACS Luminex bead plate reader

BioRad Bio-Plex System 2 Luminex

Luminex v1.7/v2.3 IS plate reader

Plate deselealer

Nexus XPEel

Plate Sealer

Abgene ALPS300 plate sealer

LGC Genomics/KBiosciences Flexiseal

KBiosystems eXcision Sealer/Cutter

Marsh plate sealer

Velocity 11 PlateLoc plate sealer

Plate Shaker/Mixer

CAT range Heater/shaker

Covaris L8 mixing system

DPC Micromix

EMS 4000 Shaker

Matrical Sonicman

Thermo (H+P) Variomag Teleshake

Tecan shaker/incubator

Plate Washers

Bio-Tek ELx405/ELx406

MD EMBLA 384 washer/Aquamax DW4

Matrical Squirt

PerkinElmer LS PlateWash

Tecan plate washer 384

Thermo LS Wellwash AC & 384

Powder dispensing

Powdernium Autodose

Pump

Hamilton Microlab 500

Masterflex peristaltic

Scanner

VT Optical Density Scanner

Software packages

Agilent Empower (HPLC)
Berthold Simplicity
BioTek KC4 & Gen5
Exergetix Firepower
Innovadyne Nanobuilder
Luminex V3.x xPONENT software
Matrix Controlmate
MD Analyst/Soft Max Pro/MetaMorph software
PE WinPREP
Tecan XFLUOR/Magellan/I-control
Tecan Gemini/EVOware
Thermo Labsystems Ascent
VWorks

Surface Chemistry

Kibron Delta 8

Temperature measurement

PICO TC-08

Tube handling

automate.it tubestar/storstar
Brooks/Nexus/REMP Tube Punching Module (TPM)

UV Spectrometer

Cecil 3041

Hitachi U2010

UPS

MGE UPS

Process Analysis and Automation Ltd

Falcon House, Fernhill Road
Farnborough, Hampshire, GU14 9RX, UK

t: +44 1252 373000

f: +44 1252 371922

w: www.paa.co.uk

e: info@paa.co.uk

