

CATALOG

2019-2022

บริษัท เอสเอ็นพี ไซแอนติฟิก จำกัด



19²⁰²²th
Anniversary

 **SNP-SCIENTIFIC**
บริษัท เอสเอ็นพี ไซแอนติฟิก จำกัด

คุณสุณิษรัตน์ ตั้งรัตนสมบูรณ์
โทร 081-8179031

snp@snp-scientific.com
Line ID : suneerat.snp



S.N.P. SCIENTIFIC
SCIENCE CENTER

19th Anniversary
SNP Scientific

2022

บริษัท เอสเอ็นพี ไซแอนติฟิก จำกัด



Outlet ring for GL 45



Screw cap GL 45



Laboratory bottle



Beaker



Laboratory bottle amber



Cylinder, blue gr,
pl.stopper, A



Cylinder Class A /
Class B



Erlenmeyer Flask
screw cap



Erlenmeyer Flask



Flask flat bottom,
N/N, with rim



Separatory Funnel



Flask Volumetric,
brown



Flask Volumetric Class A



Desiccator pl. knob,
stopcock and porcel. plate



Desiccator pl.knob,
porcel. plate

QUALICOLOR



Graduate pipette Class A / Class B



Volumetric pipette Class AS



Burette Class A, 10,
25,50 ml

ANUMBRA
GLASS PETRI DISHES



Watch Glass



Petri dish 15X100mm / 15x60mm
/ 20X100mm / 15x60mm / 25x150 mm

Kartell LABWARE



GRADUATED WIDE
NECK BOTTLES



GRADUATED WIDE
NECK BOTTLES – PP/PE



WASH BOTTLES



SPRAY BOTTLE



ASPIRATOR BOTTLES,
HEAVY DUTY



TAP FOR
STORAGE BOTTLES



MEASURING JUGS,
SHORT FORM



GRADUATED BEAKERS,
LOW FORM – CLASS B



BLUE GRADUATED
MEASURING
CYLINDERS TALL
FORM – CLASS B



VOLUMETRIC FLASKS
WITH CAP



SEDIMENTATION
IMHOFF CONE



DRAINING RACK



SEPARATING FUNNEL
HOLDER



CLAMPS
FOR GLASS JOINTS



SEPARATING FUNNEL
HOLDER



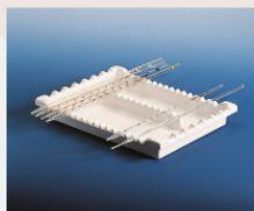
RECTANGULAR
BASE



PIPETTE /
BURETTE RINSING SET,
AUTOMATIC



PIPETTE STAND,
VERTICAL



PIPETTE TRAY
FOR DRAWER



UNIVERSAL SAFETY
PIPETTE BULB



PIPETTE PUMPS



UNIVERSAL TEST TUBE RACK



ANALYTICAL FUNNELS

DEUTSCH & NEUMANN CONCEPT D&N

Rubber spacer for filtering



Atomizer bulbs size 3 pressure valve



Safety pipette filler-Red standard



Rubber bulb for smaller pipette



PVC Rubber bulbs reddish-brown



Rubber spacer for filtering



Buchner funnel



Crucible high form and lid



Evaporating dish

cowie

Magnetic bar Cylindrical



Magnetic bar with Pivot Ring



Magnetic Retriever

**88**

STANDARD PLATINUM CRUCIBLE

Capacity (ml)
10/15/20/25/30/
35/40/50/55/75/100**ROBU®****VitraPOR Filter-Crucible DFE**

Cat no.	Description
20602	VitraPOR Filter-Crucible for DFE 30 ml. Por.2
20652	VitraPOR Filter-Crucible DFE, numbered 30 ml. Por.2
20604	VitraPOR Filter-Crucible DFE 30 ml. Por.4
20302	VitraPOR Filter-Crucible DFE 30 ml.
20301	VitraPOR Filter-Crucible 30 ml. Por.1

**VitraPOR Filter-Funne**

Cat no.	Description
21502	VitraPOR Filter-Funnel 50 ml. Por.2

**CNW**

PRECLENTM 13 mm Syring filter Nylon, PTFE, PVDF/
0.45, 0.22, UM (100/PK)
PRECLENTM 25 mm Syring filter Nylon, PTFE /
0.45, 0.22 UM (100/PK)



1.5 ml clear short thread
w/write-on vial 9mm
11.6x32mm (100/pk)

1.5 ml amber short thread vial
w/write-on spot 9mm
11.6x32mm (100/pk)



Nature PTFE/nature silicone septa 13mm
black screw polypropylene cap close-top (100/pk)

Red PTFE/Whitr silicone septa,9mm
blue short screw polypropylene cap
6mm centre hole (100/pk)



4 ml clear screw neck vial
w/write-on spot 15x45mm (100/pk)

4 ml amber screw neck vial
w/write-on spot 15x45mm (100/pk)



Nature PTFE/nature silicone septa 13mm
black screw polypropylene cap close-top (100/pk)

Red PTFE/White silicone septa 13x1.5mm (100/pk)

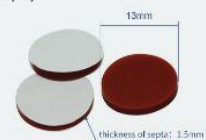


1.5 ml clear crimp neck vial
w/write-on spot
11.6x32mm (100/pk)

1.5 ml amber crimp neck vial
w/write-on spot
11.6x32mm (100/pk)



Pre-slit white PTFE/Red silicone septa
11mm crimp-top aluminium cap 5.5mm
centre hole (100/pk)



Red PTFE/White silicone septa
13x1.5mm (100/pk)

Red PTFE/White silicone septa
8.15mm (100/pk)

Red PTFE/White silicone septa
9.1mm (100/pk)



300ul micro-insert vial
31x6mm. (100/pk)



8ml clear screw vial 15-425
Thread 17x60mm (100/pk)

12ml clear screw vial 15-425
Thread 19x65mm (100/pk)



8ml amber screw vial 15-425
Thread 17x60mm (100/pk)

12ml amber screw vial 15-425
Thread 19x65mm (100/pk)



Nature PTFE/nature silicone
septas 13.5x1mm black screw
polypropylene cap
close-top (100/pk)



10ml clear precision screw headspace
vial round bottom 22.5x46mm (100/pk)

20ml clear precision screw headspace
vial round bottom 22.5x75.5mm (100/pk)



10ml clear precision screw headspace
vial round bottom 22.5x46mm (100/pk)

20ml clear precision screw headspace
vial round bottom 22.5x75.5mm (100/pk)



20 ml clear EPA screwneck
vial 275x57mm (100/pk)

20 ml amber EPA screwneck
vial 275x57mm (100/pk)



Nature PTFE/Nature silicone
septas 22x3mm 24mm
white screw polypropylene
cap closed-top (100/pk)



White PTFE/Blue silicone septa 20mm
crimp-top aluminium cap centre hole



Blue PTFE/white silicone septa 18mm
magnetic precision screw metal cap
8mm centre hole (100/pk)



40 ml clear EPA screwneck
vial 275x95mm (100/pk)

40 ml amber EPA screwneck
vial 275x95mm (100/pk)



60 ml clear EPA screwneck
vial 275x140mm (100/pk)

60 ml amber EPA screwneck
vial 275x140mm (100/pk)

Treff
Switzerland Lab

Single Channel Transferpipette@S

Cat no.	Size
96.10687.01	0.1-1 ul
96.10687.02	0.5-10 ul
96.10687.03	2-20 ul
96.10687.74	10-100 ul
96.10687.78	20-200 ul
96.10687.80	100-1000 ul
96.10687.82	0.5-5 ml
96.10687.84	1-10 ml



Single Channel Transferpipette@S-8F

Cat no.	Size
96.10688.00.1	0.5-10 ul
96.10688.06.1	5-50 ul
96.10688.08.1	10-100 ul
96.10688.09.1	20-200 ul
96.10688.10.1	30-300 ul



Tip

Cat no.	Size
96.09151.9.01	0.1-20 ul
96.11177.9.01	0.5-20 ul
96.09586.9.01	20-200 ul
96.10308.6.02	1000 ul
96.08755.9.01	0.5-5 ml
96.10720.9.01	1-10 ml

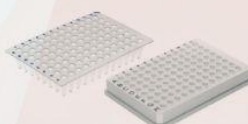


Multi Channel Transferpipette@S-12F

Cat no.	Size
96.10689.20.1	0.5-10 ul
96.10689.26.1	5-50 ul
96.10689.28.1	10-100 ul
96.10689.29.1	20-200 ul
96.10689.30.1	30-300 ul



Pipette Stand / Shelf holder



96 well PCR Plate



Strip of 8 PCR Tubes



Strip of 12 PCR Tubes

HIRSCHMANN®

Dispenser Ceramus
111111 Valve

Cat no.	Size
9330000	1-5 ml
9340000	2-10 ml
9350000	5-30 ml
9360000	10-60 ml

Dispenser Ceramus
111111 Valve

Cat no.	Size
9332000	1-5 ml
9342000	2-10 ml
9352000	5-30 ml
9362000	10-60 ml



Auto burette Clear

Size
Auto burette Clear 25 ml / 50 ml
Auto burette Amber 25 ml / 50 ml



Auto burette Amber



Pasture pipette

Cat no.	Size
9250101	Pasteur pipettes, short form, 150 mm
9260101	Pasteur pipettes, long form, 230 mm



Solarus 50 ml conformity certified



Stopper Pink sterile

Counting chambers
Neubauer improved, bright-lined

Pipette controller Pipetus

PATRON



AH-80D2 76L



AH-132 155 L



AH-216 252 L



AH-240 240 L



AH-980 980

ACE

Dry Active Series -Desiccator Cabinet



General Type KA33-70,
KA33-80



Auto Type KA33-71,
KA33-80

Cork Borer



Cat no. KA.00-48



Cat no. KA.00-49

Disposable Al Dish



Cat no. KA.D57-100 / KA.D70-100



Pour-Boat Polystyrene Weighing Dish
Cat no. KA.PB-158 / KA. PB-316



Write-on Label Tape



Silicone Stopper

Label Tape Dispenser



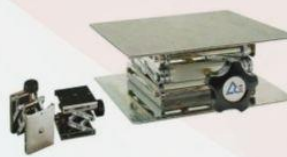
Cat no. KA.22-94



Cat no. KA.22-95



Cat no. KA.22-96



Rubber Septa
Cat no. KA.11-45 / KA.11-46 / KA.11-46-A



Support Jack
Cat no. KA.11-91N /
KA.11-93N



Beaker tong
Cat no. KA.22-62



Flask tong
Cat no. KA.22-69



Test tube tong
Cat no. KA.22-71



Crucible tong

Quanta**bio**

HIMEDIA[®]

BD
BBL DIFCO CULTURE MEDIA

Honeywell
Burdick & Jackson[®]

CARLO ERBA
REAGENTS
Quality since 1853

Ajax Finechem
Part of Thermo Fisher Scientific

invitrogen[™]
by *life* technologies[™]

BIOMÉRIEUX

QIAGEN[®]

SIGMA-ALDRICH

MERCK
MILIPORE

J.T.Baker[®]



Analytical Centrifuge

CENTURION
SCIENTIFIC LIMITED
Making Science Look Good



K2015 K2015R
Speed 500-15,000 Rpm
Small Prime Centrifuge



K241 K241R
Speed 500-15,000 Rpm
Medium Prime Centrifuge



K243FS Ambient vs K243RFS Refrigerated
Speed 500-15,000 Rpm (1 Rpm Steps)
Rcf Max 22,000 G



KBR5424 24 x 2ml



RS04 0.2 -0.4ml



BRK5408
8 x 15ml



BRK5324
24 x 15ml



BRK5308
8 x 50ml



RM05 (5ml)



BRK5206 6 x 50ml



BRK5540
Microtiter Plate Rotor

fiocchetti
SCIENTIFIC REFRIGERATORS

Laboratory freezer / cabinet / with automatic defrost



Medika 250
+2 +15°C



Medika 500
+2 +15°C



Medika 500 2T
+2 +15°C



Medika 600 2T
+2 +15°C



Superpolo 480
-10+45°C



Lobar 500
+2 +15°C



Lobar 1500
+2 +15°C



Freezer 400
-10 - 25°C



Lobar 400 2T
+2 + 15 / -10 -24°C



Superartic 400
-20-40 OC



Front Loading Autoclave



Specifications

Model no.	Steam source	Volume (litres)	Power supply	Chamber diam. x depth (mm)	Usable chamber depth (mm)	Overall dimensions W x H x D (mm)
ASB260	Heaters in Chamber	120	Single or 3 Phase,	454 x 740	633	685 x 1320 x 1100
ASB270		153	7/10kW	454 x 945	862	685 x 1320 x 1310
ASB280		247	3 Phase, 13kW	600 x 876	734	900 x 1405 x 1370
ASB290		290	3 Phase, 16kW	600 x 1024	886	900 x 1405 x 1370
ASB300		344		600 x 1217	1086	900 x 1405 x 1570
ASB260	Integral Steam Generator (option)	120	3 Phase, 18kW	454 x 740	633	685 x 1320 x 1500
ASB270		153		454 x 945	862	685 x 1320 x 1500
ASB280		247	3 Phase, 28kW	600 x 876	734	900 x 1405 x 1750
ASB290		290		600 x 1024	886	900 x 1405 x 1750
ASB300		344		600 x 1217	1086	900 x 1405 x 1750

(Power consumption/dimensions may vary with the addition of certain options)



Furnance (เตาเผาอุณหภูมิสูง)



K chamber furnace
ceramics sector
up to 1,300 – 1,340 – 1,400 °C
50-2100 liters)



LE laboratory chamber furnace
up to 1,100 °C (5-14.4 Liters)



LG Gravimetric furnace
up to 1,200 °C (9.4Liters)



LHS-SiC-based-heating-rods_opened
1,400-1,500 °C (3-14.4 Liters)



M circular furnace
p to 1,280 – 1,340 °C (30-200 Liters)



PKE Hardening chamber furnace
up to 1,280 °C (12.2-87 Liters)

memmert



Water baths WNB / WNE
(Model size 7, 14, 22, 29 and 45 liter)



HPP



ICPeco



Hot Air Oven
(Model size 30,55,75,110,160,260,450 and 750 liter)



HCP



Vacuum Oven



Incubator IN110



Incubator IN450

HIRAYAMA

Autoclave



HVE-50



HVA-85



HVA-110



HVP-50

VELP
SCIENTIFICA

Hot Plate Stirrer



AREC



ARE/AREX



MICROSTIRRER



Fiber Analyzers FIWE Series



Dumas Nitrogen Analyzer

Hettich

Centrifuge



EBA200



Rotofix 32A



Mikro185



UNIVERSAL-320 R

-ebro-

Humidity/Temperature Logger



EBI 20-TH1



EBI 20-TE1



EBI 25-TH



EBI 300

Infrared Thermometers



TFI 260



TFI 54



TFI 650

Hygrothermometer



TFH610



TFH620

Brannan



Jumbo Digital
Max Min



Digital Fridge
Thermometer



Stainless Steel Dial
Freezer/Fridge



Horizontal
Fridge Freezer



Timer and Clock



Light meter



pocket dial
test



Quick set



milk & coffee test

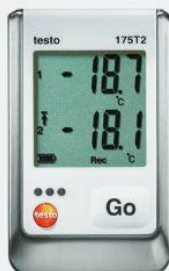


Waterproof Electric test

testo



Hygrothermo Data Logger
174H



Compact temperature
data logger
175-T2



Temperature
Thermometer
925

Thermal Hygrometer



608-H1



608-H2

Spectrophotometers



GENESYS 10 Vis UV-Vis



GENESYS 30



GENESYS 150



GENESYS 180



Evolution 201

Microplate Spectrophotometer



Multiskan GO



Multiskan Sky



Varioskan LUX

FT-IR Spectrometer



Nicolet iS10



Nicolet IN10

Nanodrops



NanoDrop Lite



NanoDrop One

Centrifuge



Sorvall Legend X1R



Sorvall-legend-XTR



Sorvall WX
Ultracentrifuge

Freezers



900 Series, Double Door
(Model 992,991,993,994,990,995)



900 Series, Single Door
(Model 903,902,904,905,906,956,907)

Refrigerators



PLR221



PLR386



PLR1006

PCR^{max}

PCR



Alpha Cyclor 1



Alpha Cyclor 2



Alpha Cyclor 4



Eco 48-Realtime PCR

LABORATORY

UVITEC
CAMBRIDGE

Gel Documentation



FireReader V10

Chemiluminescence Documentation



Alliance Q9



Alliance Mini HD9



Essential V6

Platinum Q9



Stand Alone System

UVIdoc HD6

CS Cleaver
Scientific Ltd

Vertical Electrophoresis



OmniPAGE M



Octi-Page



OmniPAGE Mini Wide



Modular system



OmniPAGE 2D

Horizontal Electrophoresis



MultiSUB Mini



MultiSUB Midi



MultiSUB Choice



MultiSUB Maxi

Power Supplies



NanoPAC-300



OmniPAC Midi CS-300V



LabFlame Safety Burner



LabFlame Basic



Hand Refractometer



e-Loop Microincinerator



GlowZone



เตาหน้าค่า
E.G.O. 1500W & 2000W



เครื่องเทเพลตอัตโนมัติ (PetriSwiss PS200)
PETRI DISH FILLING SYSTEM



Magnetic Stirrers



C-MAG HS10



C-MAG HS7



C-MAG HS4



RET



Color squid



Blade



Turbine



Dissolver



Centrifugal



Paddle



Anchor

Mechanical Stirrers



RW 20



RW 28



T25



T18
BASIC



T50
BASIC



RW20

Dispersing Devices Batch Operation

Orbital Shakers



ROLLER 6 basic



HS 260 basic



MTS 2/4 digital



MS 3 digital

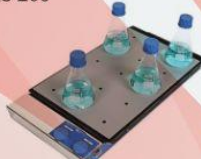
Orbital Shakers



KS 260



KS 130



KS 15



ULTRA-TURRAX

Disposable Disperser System



BMT-20-S BMT-20G DT-20 ST-20

HORIBA
Scientific

LAQUAtwin MADE IN JAPAN
Your lab-in-a-pocket



**PORTABLE METER
CUSTOM LCD DISPLAY**

Waterproof Pocket Water Quality Meters

- pH Meter Model pH11, pH22, pH33
- Sodium Ion Meter
- Calcium Ion Meter
- Potassium Ion Meter
- Nitrate Ion Meter

**pH Meters
BENCH METER
CUSTOM LCD DISPLAY**



pH 130
pH ION ORP
2-CHANNEL TAMP
Display : Custom LCD
With Blacklight
Memory : 1000
Output : RS232C



pH 120
pH TAMP ORP
Display : Custom LCD
With Blacklight
Memory : 1000
Output : RS232C

Cond. Meters



EC 110
EC TAMP RES TDS
Display : Custom LCD
Memory : 1000
Output : RS232C

Multi-Parameter



pH 110
pH TAMP ORP DO
Display : Custom LCD
With Blacklight
Dual channel
Memory : 1000



**PORTABLE METER
pH Meters**

F-711A-S

NAVI 2CH USB
PC PRT ID
pH ORP TDS



Conductivity Meters

DS-72A-S

PC PRT ID
pH ORP TDS



**Multi - Parameters
F-74BW-A-S**

NAVI 2CH USB
PC PRT ID
pH ORP TDS



pH 1200

pH TAMP ORP

Resolution : 0.1/0.01/0.001 pH
Memory : 999
Output : RS232C, USB Slope & Offset Display



EC 1100-S

EC RES SAL TDS TAMP

Display : Custom LCD
Memory : 500
Output : RS232C, USB

PC 1100

pH ORP EC TAMP RES SAL TDS

Display : Custom LCD Dual Channel Display
Memory : 999
Output : RS232C, USB Slope & Offset Display



Dissolved Oxygen Meter
Model DO-5512SD



pH Meter
Model PH-230SD



Turbidity Meter
Model TU-2016



Light Meter
Model LX-11128SD



Conductivity Meter

Model CD-4307SD
Model CD-4317SD
Model CD-4318SD



Humidity / Temp. Meter
Model HT-3007SD



Multiparameter
Model WA-2017SD



Soil Moisture Meter
Model PMS-714



Flash chromatography Reveleris X2



R-100



R-300



R-200 Pro

Rotavapor Evaporation Systems



Multivapor
P/6P12



Encapsulator
B-390



FT-NIR spectrometer
NIRFlex 500



Mini Spray Dryer
B-290



Mixer



E-816



E-812

Extraction Unit



E-811



SpeedExtractor
E-916



Scrubber
K-415



K-439

Digestion Systems



K-499



K-360

Distillation



K-376



Melting Point
M-560



Ultrasonic Cleaner



Easy Series



Xtra ST for Industrial

BRANSON

Ultrasonic Cleaning Bath



M series



MH series



CPX series



CPXH series



*Stand Optional



Cell Disruptors and Homogenizers

Laboratory Glassware Washer Basic Line



GW0160
GW1160
GW4060



GW2145



GW4190



Professional Line



GW4090



GW7010



GW7015



ESCO
WORLD CLASS. WORLDWIDE.

Biological cabinet Class II ,Fume hood and Laminar Flow Clean Benches



PCR-4A1
PCR Cabinet



LVG-4AG-F8
Horizontal and Vertical



EFD-5A8
Fume hood



SC2-4E1
Streamline
Biological cabinet Class II



AC2-4E8
Airstream



LA2-4A
Class II, Type A2 and B2
Biological Safety Cabinets

OLYMPUS

Compound Microscope



CX23



CX33



BX43



BX53

Upright Microscope



Laboratory Microscope Camera / Digital / Cmos / Usb B5

OPTIKA
ITALY

Zoom Stereomicroscope



SZX7



SZ61



SZX10
SZX16

Educational and laboratory microscope



B-190TB

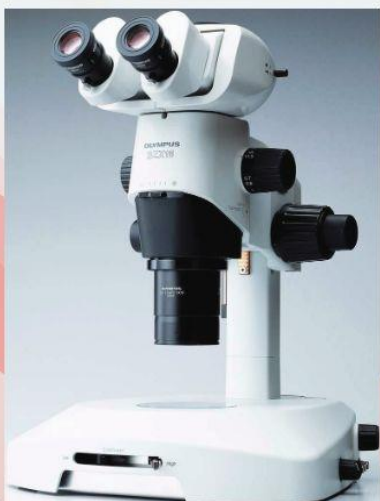


B159



B192

Inverted Microscope



CKX53



LED1



LED2

ICP-MS, ICP-OES Spectrometer



NexION® 2000 is the most versatile ICP-MS on the market featuring an array of unique technologies that combine to deliver the highest performance no matter what your analytical challenge. Discover the effortless versatility of an instrument that makes it easy to handle any sample matrix, any interference, and any particle size.



Avio® 500 is a truly simultaneous, dual view, and compact ICP-OES. It utilizes a vertical plasma and is engineered to handle even the most difficult, high-matrix samples without dilution, delivering productivity, performance, and faster return on investment.

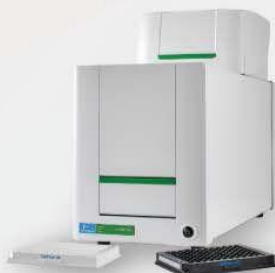
The Avio 200 is a compact ICP-OES that combines a vertical plasma design with a host of unique hardware features to handle even the most difficult, high-matrix samples without dilution, delivering a whole new level of performance and flexibility to ICP.

Microwave Sample Preparation System



Titan MPS 16 Position for pressure digestion of a broad range of samples for subsequent inorganic analysis.

The FIMS is a compact, easy-to-operate mercury analyzer with an integrated flow injection system for cold vapor mercury AA.



VICTOR Nivo Multimode Microplate Reader

UV-Vis Spectrophotometers

Tungsten-halogen and Deuterium



High measurement performance.

LAMBDA 365 UV/Vis #190 - 1100 nm

LAMBDA 650 UV/Vis #190 - 900 nm

LAMBDA 750 UV/Vis #190 - 3300 nm

Ultra-high performance.

LAMBDA 850 UV/Vis #175 - 900 nm

LAMBDA 950 UV/Vis #175 - 3300 nm,

LAMBDA 1050 UV/Vis #175 - 3300 nm+
increased sensitivity in the NIR range.

Atomic Absorption (AA)

Spectrometers



PinAAcle 900F (Flame)

PinAAcle 900Z (THGA)

PinAAcle 900H (Flame/HGA)

PinAAcle 900T (Flame/THGA)

Automated DNA Sample Analysis
LabChip® DNA

DNA and RNA quantitation and sizing can be done in seconds using automated capillary electrophoresis separation. The LabChip® GX Touch™ nucleic acid analyzer's microfluidic technology generates reproducible, high-resolution data.





Agilent Technologies

GC/MS Instruments and Software

MassHunter WorkStation – GC/MS Acquisition

GC/MSD System # 5977A Series and 5975 Series

The Agilent 5977A Series GC/MSD is the latest addition to the industry's broadest, most feature-rich portfolio of GC and GC/MS systems and software.

Triple Quadrupole GC/MS System #7000C

The 7000C Triple Quadrupole GC/MS was designed to deliver the most accurate quantitative results and confident identification even in the most complex matrices.

GC/Q-TOF System #7200B

The 7200B Series GC/Q-TOF system expands on the proven separation power of the Agilent 7890B GC and now includes a backflushready configuration with every system.



LC/MS Instruments and Software

6200 Series Accurate-Mass Time-of-Flight (TOF) LC/MS

Ideal for profiling and identifying low molecular-weight compounds, the 6200 TOF LC/MS provides a typical mass accuracy of 1–2 ppm with attomole level sensitivity. The instrument has a linear dynamic range of five orders of magnitude and spectral acquisition rates of up to 20 spectra per second to take advantage of UHPLC separations.

6500 Series Accurate-Mass Q-TOF

6500 Series Accurate-Mass Quadrupole Time-of-Flight (Q-TOF) LC/MS Offers the same capabilities as the 6200 Series TOF LC/MS, plus MS/MS functionality. The typical mass accuracy (2–4 ppm MS/MS) increases confidence in small molecule identification and reduces false positives in database searches. Spectral acquisition rates of up to 50 MS/MS spectra per second take advantage of UHPLC separations.

6400 Series Triple Quadrupole LC/MS

The sub-femtogram-level sensitivity enables detection of low-abundance compounds. With extremely fast MRM transitions and robust and reliable performance, the 6400 Series Triple Quadrupole LC/MS enables maximum uptime to analyze large sample sets. The common ion optics also allow easy method transfer from the Agilent Q-TOF to the triple quadrupole as you progress from



Agilent's Molecular Spectroscopy

- FTIR
- Fluorescence
- UV-Vis-NIR
- Double Beam (Tungsten and Deuterium Lamp)
- Single Beam (Diode Array)



Benchtop Freeze Dryers
2.5, 4.5, 8 Liters /Temp. -50°C or -84°C



Console Freeze Dryers FreeZone
4.5, 6, 8, 12 Liter/Temp -50°C or -84°C

N₂ Evaporation Systems



CentriVac DNA Vacuum Concentrators



CentriVac Complete Vacuum
-Vacuum concentrator, -50°C cold trap



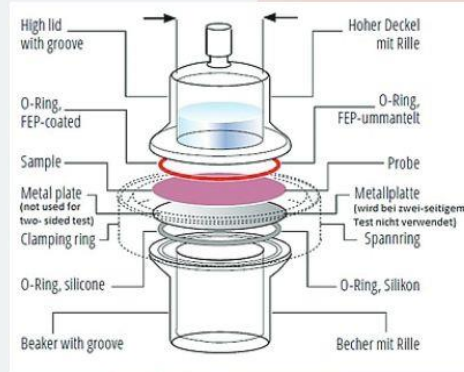
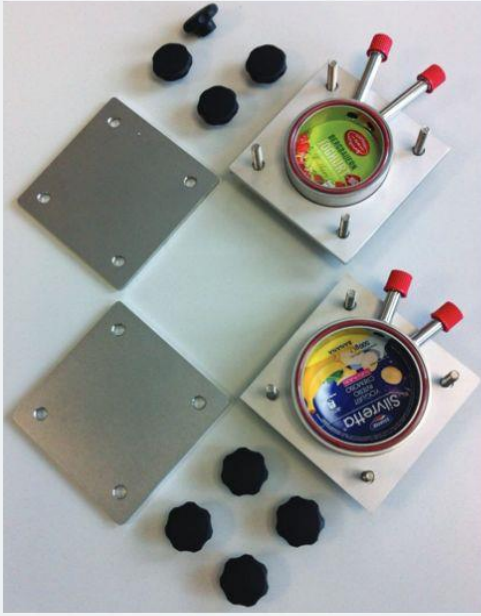
Refrigerated centrivac vacuum
concentrator
-This exclusive concentrator
combines a refrigeration
system that cools to -4°C
with a heater that warms
to 100°C



Dry heat and Nitrogen blow down
Up to 50 sample at the same time.

MigraCell® for migration testing

Characterisation of Functional Barriers for Food Contact Materials



Fluid Bed System Pilot Scal



Mini-glatt fluid bed system and Gray Coating for batch volumes of 25g - 375g



Stephan UMC 5 Mixer
Homogenous mixing



Robot Coupe R301 ultra
combination food processor



High pressure homogenizer



Sectional Volatile Collection Chamber

LAMP Isothermal Amplification+ LAMP Designer

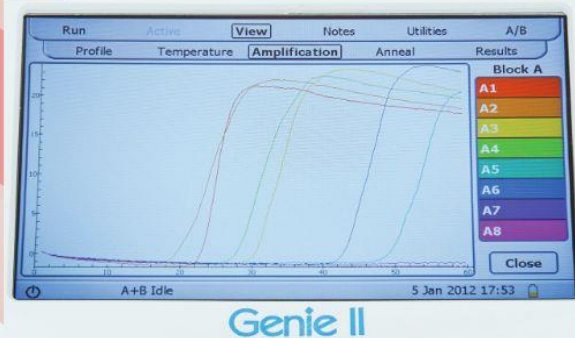
(A compact and portable instrument that supports any isothermal DNA / RNA amplification method)



The Genie® II
integral 7" high-resolution touch screen
two heating blocks, 16 wells (2x8 strips)

Specifications**Technical Specifications**

Sample Number	16 wells (2x8 strips)
Sample Volume	10 µl to 150 µl
Touchscreen	High-brightness TFT / LCD module (800x480)
Heater technology	Ceramic substrate with resistive coating
Cooling method	Forced convection
Temperature sensor	High-precision thermistor
Temperature control type	Multi-zone independent digital PID
Temperature control range	ambient - 110°C
Temperature accuracy	±0.1°C
Temperature uniformity across block	±0.2°C
Temperature gradient	Programmable up to 8°C
Optics Source	470 nm LED with high-quality interference filter 40 nm band pass
Detection Filter	510 nm longpass photodiode high-quality interference system
Operating temperature	10°C - 40°C
Approvals	CE
Power consumption (maximum)	150W
Dimensions	20cm (H) X 21cm (D) X 30cm (W)
Weight	2kg / 4.4 lb



Genie® III
-Built-in GPS capability
-wireless communications
-Single Heating Block , Strip of 8 tubes

Specifications**Technical Specifications**

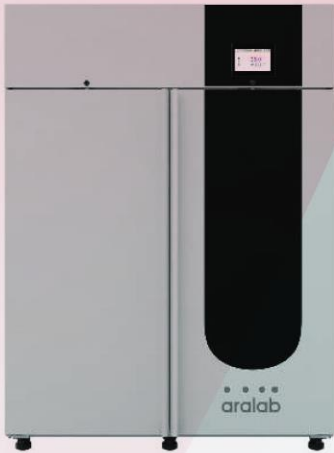
Operational	
Detection method	Dual-channel Fluorescence 470 nm excitation, 510-560 nm emission 590 nm excitation, > 620 nm emission
Temperature control method	Block with 4-zone independent digital PID and heated lid
Temperature control range and accuracy	Ambient—100°C, ±0.1°C
Sample number	Single strip of 8 tubes
Sample volume	10—150 µl
Physical	
Size	250 (L) x 165 (W) x 85 (H) mm [10" x 6.5" x 3.5"]
Weight	1.75 kg [4 lb]
Operating temperature	0°C—40°C
Storage temperature	20°C—70°C
Environmental protection	IP40
Interfaces	
Display / keyboard	Colour LCD 480 x 272 with resistive touchscreen
Positioning	GPS
Wireless data (1)	Bluetooth 2.0
Wireless data (2)	Wi-Fi
Wired data	USB 2.0
Electrical	
Battery type	Lithium Polymer
Battery capacity	40 Wh
Battery charge time	< 1.5 hrs
External supply	19 VDC



Plant Growth, Arabidopsis, Plant Tissue Culture, Seed Germination



600 Liters



1200 Liters

TECHNICAL DATA FOR FITOCLIMA 600 & 1200 BIO CHAMBERS		
TEMPERATURE RANGE [1]	LIGHTS ON	+5°C to +45°C
	LIGHTS OFF	-5°C to +45°C
TEMPERATURE PRECISION		± 0,5°C
TEMPERATURE UNIFORMITY		± 1,0°C
HUMIDITY RANGE [1]	LIGHTS ON	40 to 80% RH
	LIGHTS OFF	40 to 95% RH
HUMIDITY PRECISION		± 1% RH
HUMIDITY UNIFORMITY		± 2% RH
SHELVES /LIGHT BANKS[2]	FitoClima 600: 1 to 4 shelves with controlled lighting	
	FitoClima 1.200: 2 to 8 shelves with controlled lighting	
GROWTH HEIGHT	Adjustable from 150mm up to 1.330 mm	



Glass



Filtration Assembly

DOA-P504-BN

Plastic



Sterifil aseptic system,
47 mm Millipore



Magnetic Filter Funnel
Pall



Filter Holder with
Receiver Nalgene



Vacuum Manifolds

4012 12 Position Vacuum Manifold-Complete, with waste liner
4824 24 Position Drying Attachment

vacuubrand



Diaphragm pumps
ME 2 NT



Chemistry Diaphragm system
MZ 2C NT



Chemistry vacuum system
MZ 2C NT +AK+EK

GAST



DOA-P504-BN

Atlas Copco



Two stage oil sealed
Rotary Vane Vacuum Pumps
GVD Series



The Photometer 7500

Photometer Reagents
Water or Environmental Analysis



SKW500 Complete Soil Kit

Photometer for N-P-K Test
And micronutrients and trace minerals Analysis.

Soil tests included :	N-P-K Test
Parameter	Range*
Soil pH	0-14
Lime Requirement	0- 34 tonne / ha
Conductivity	0- 19.9 mS / cm
Salinity	0- 1 %
Nitrate Nitrogen	0- 25 mg / lN
Phosphate Phosphorus	0- 150mg / lP
Potassium	0- 450 mg / lK
Magnesium	0-500 mg / l Mg
Calcium	0- 2500 mg / lCa
Aluminium	0- 50 mg / lAl
Ammonia	0- 75 mg / lN
Chloride	0- 1000 mg / lCl
Copper	0- 25 mg / lCu
Iron	0- 25 mg / l Fe
Manganese	0- 25 mg / l Mn
Sulphur	0- 300 mg / lS

*Ranges can be extended

SEEDS ==> Equipment

SEED EQUIPMENT



GRAIN Moisture ANALYSIS DICKEY-JOHN GAC 2500-UGMA
Moisture Range: 5 to 45% (grain dependent)



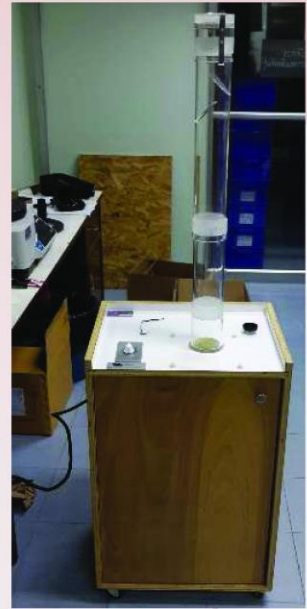
Vibratory Sieve Shaker AS 200 control



Heavy Duty Boerner Divider



Moisture Range : 5 to 45% (grain dependent)



South Dakota Seed Blower



Steinlite Moisture Tester SB900 Moisture Range: 5 to 35% (grain dependent)



เครื่องนับเมล็ด Seed Counter Seedburo 801 Count-A-Pak



Seed Riffle-type-Divider



Seed Germination Chamber



Seed Coating Polymer

Weather Station and Outdoor Data Loggers



H21-002 ชุดเครื่องมือสถานีตรวจวัดสภาพอากาศ และสิ่งแวดล้อมแบบพกพา สามารถเชื่อมต่อชุดวัดค่าพารามิเตอร์ต่างๆ ได้สูงสุด 4 ช่องสัญญาณ สามารถควบคุมการใช้งานผ่านทางสายสัญญาณ USB ได้



U23-001 ชุดวัดหวัคค่าอุณหภูมิและความชื้นแบบป้องกันน้ำได้ สามารถทนต่อสภาพอากาศได้เป็นอย่างดี



S-RG3 ชุดวัดค่าปริมาณน้ำฝน สามารถทนต่อสภาพอากาศได้เป็นอย่างดี



S-WCF-M003 ชุดวัดค่าความเร็วลมและทิศทางลม สามารถทนต่อสภาพอากาศได้เป็นอย่างดี



S-WCF-M003 ชุดวัดค่าความเร็วลมและทิศทางลม สามารถทนต่อสภาพอากาศได้เป็นอย่างดี



S-WCF-M003 ชุดวัดค่าความเร็วลมและทิศทางลม สามารถทนต่อสภาพอากาศได้เป็นอย่างดี



S-SMD-M005 ชุดวัดหวัคค่าอุณหภูมิใต้ดิน

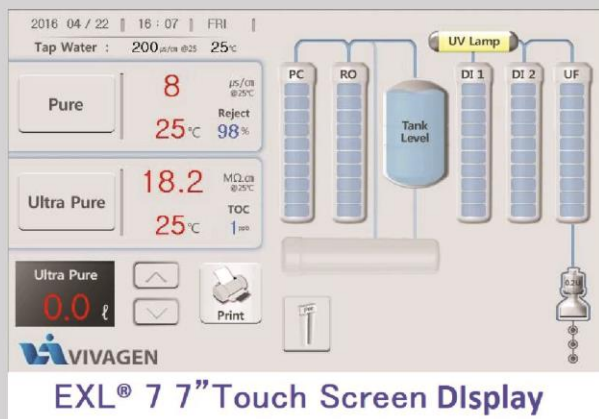
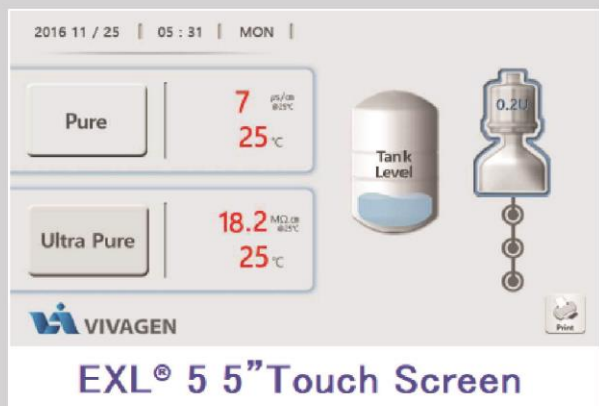


S-LIA-M003 ชุดวัดหวัคค่าพลังงานของแสง PAR Sensor

NEW PRODUCTS



Lab Water System, Vivagen



Bio (Type I and II or III)
DNA&RNA-free for Molecular Biology



Analysis (Type I or II or III)
for HPLC, GC-MS, ICP-MS, TOC



Pure Plus and Pure Plus (Type II or III)
Clinical laboratory Reagent water

NEW PRODUCTS

Plant Physiology and Weather Station- Data Loggers

LI-6800 Portable Photosynthesis System Demonstration



Light Sensor Logger
LI-1500 Licor



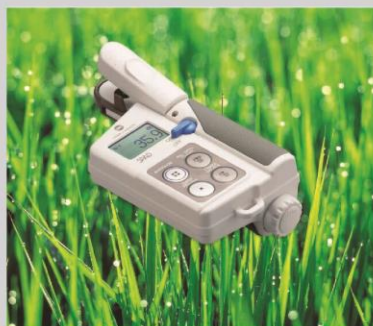
Leaf Area
LI-3100C Licor



Weather Station



Chlorophyll Meter



CHLOROPHYLL METER
SPAD-502Plus



Temperature-Relative-Humidity-RH
Data-Logger(U14-001)



Soil-moisture-smart-sensor
s-smd-m005-10hs



Weather Data-Logger



Photosynthetic Light(PAR)
Smart Sensor-S-LIA-M003

S.N.P. SCIENTIFIC CIENCE CENTER

cowie


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UVITEC
CAMBRIDGE

88
Labware

ANUMBRA
GLASS PETRI DISHES

Quantabio

Astell

JIP

ROBU

KartellLABWARE

KIRGEN
Solutions For Science

SIMAX
CZECH REPUBLIC

PATRON

QUALICOLOR

HORIBA
Scientific

KRÜSS
A.KRÜSS OPTRONIC
GERMANY

Thermo
SCIENTIFIC

AIJIREN

Treff Lab
Switzerland

ACE

smeg
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