2 VIYON MIDDLE EAST L.L.C · SECTOR BROCHURE 2 OF 7

Pharmaceutical & Bioprocess Cellular Production Platforms

Fulfill rigid GMP, ESMA, and regulatory validation parameters across industrial biopharma scaling setups, media processing lines, cleanrooms, and low-carryover liquid chromatography testing labs.

Part of **Industrial Application & Technical Workflow Solutions**, the strategic portfolio of Viyon Middle East L.L.C., built on the high-tier analytical and industrial brands we supply across the United Arab Emirates.

1 – 40	**2 · 3 · 5 L**	**10^4 – 10^6**	**USP <232/233>**
CellFac culture layers	Erlenmeyer flask sizes	certified spore populations	elemental impurities mixes

BRANDS IN THIS BROCHURE

Excelsior Scientific · BIOFIL® · TRAJAN · analytichem your science enabled · Leybold

Toll Free: 800 VIYON · +971 56 671 6788 · scientific@viyonmiddleeast.com · www.viyonscientific.com

PART A

Upstream Biomass Scaling & Cell Culture Platforms

Products

- **CellFac® Multi-Layer Cell Culture Systems:** High-density, industrial-scale multi-layer cell growth fields available in 1, 2, 4, 5, 10, 20 and 40-layer configurations, made from medical-grade PS in an ISO Class 7 cleanroom. Five surface types, from non-treated to TC-treated and specialised treatments, plus custom surfaces and tubing, to maximize high-density cell anchoring, essential for industrial vaccine manufacturing, monoclonal antibody (mAb) production, and therapeutic protein scaling.
- **ProGro™ Serum-Free Media & Biological Reagents:** ProGro™ serum-free media and classical media (DMEM high and low glucose, DMEM/F12, RPMI-1640) for upstream cell culture. ProGro™ Fetal Bovine Serum comes from traceable, screened sources, is filtered three times at 0.1 µm, filled in GMP cleanrooms, and has endotoxin below 1 EU/mL.
- **Large-Capacity Erlenmeyer Bioproduction Flasks:** Plain and baffled flasks from 125 mL to 1 L and in 2 L, 3 L and 5 L sizes, made from clear polycarbonate or PETG. The 5 L flask has a drain neck and an optional handle.



CellFac multi-layer cell factories



Erlenmeyer flasks, plain and baffled



ProGro fetal bovine serum

MANUFACTURER / SUPPLIER

Jet Biofil (Guangzhou Jet Bio-Filtration Co., Ltd)

PART B

Downstream Separation, Sterile Filtration & Fluid Management

Products

- **Closed-System Media Bottle Interconnects, Vacuum Bottle Filtration Systems, and CellSafe™ GMP-Grade Consumables:** Single-use closed transfer caps and tubing sets with MPC connectors, 2D storage bags, and PureFlow™ capsule sterilizing filters for contamination-free liquid transfers. CellSafe™ GMP-grade flasks, CellFac vessels, tubes and vacuum filters are made in Class 100,000 (partly Class 10,000) cleanrooms and sterilised to SAL 10^{-6}.
- **Vacuum Bottle Filters:** Bottle-top and tube-top filters with PES membranes at 0.10, 0.22 and 0.45 µm for media, sera and reagents.
- **Centrifugal Spin Filters:** JetSpin® PES centrifugal filters in 0.5, 5 and 15 mL sizes at 3 to 100 kDa MWCO. PES ultrafiltration membranes go up to 300 kDa.



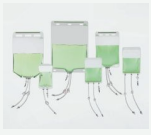
Bottle-top vacuum filter



JetSpin centrifugal filters



PureFlow capsule filters



2D single-use storage bags

MANUFACTURER / SUPPLIER

Jet Biofil (Guangzhou Jet Bio-Filtration Co., Ltd)

PART C

Liquid Load Validation & Cleanroom Bio-Decontamination

Products

- **SporeGo™ Spore Ampoules (SA1-50-05E / SA1-50-06E):** Sealed 1 mL glass ampoules of Geobacillus stearothermophilus (Cell Line 7953) at 10^5 or 10^6 populations, 50 per box, for validating sterilization of liquid loads, with matching 1 mL negative controls (SA1-NC-10E, 10 per box).
- **SteriGo™ VH_2O_2 SCBI Vials (MSCH-06E):** Self-contained biological indicators for low-temperature gaseous hydrogen peroxide sterilizers, with a 24-hour incubation at a certified 10^6 population.
- **HyperGo™ VHP Spore Discs:** 6 mm stainless steel spore discs in Tyvek®-to-Tyvek® packs, placed across cleanrooms, isolators, and enclosures to prove bio-decontamination lethality during Vaporised Hydrogen Peroxide cycles. Strains ATCC 12980 or 7953 at 10^4 or 10^6, 1-year shelf life.
- **EO, Irradiation & Dry Heat Indicators:** SteriGo EO SCBIs (48 h), spore strips, threads, wires, discs and suspensions for EO, gamma/e-beam and dry heat processes, plus USP <71> growth promotion test suspensions for media QC.
- **VHP Chemical Indicators:** VHP Type 1 (VHP-1E) and Plasma Type 4 (HPI-4E) strips and H_2O_2 plasma tape for every-load checks.



SporeGo spore ampoules



SteriGo hydrogen peroxide indicators



HyperGo discs in Tyvek packs



Spore strips

MANUFACTURER / SUPPLIER

Excelsior Scientific Ltd (UK)

TECHNICAL DATA

HyperGo™ VHP Spore Disc range

CATALOG CODE	CARRIER SIZE	BACTERIAL STRAIN	CARRIER MATERIAL	POPULATION / STRIP	PACKAGING FORMAT
HPG129-06E	6 mm	ATCC 12980	Stainless Steel	10^6 (1,000,000)	Tyvek / Tyvek
HPG795-06E	6 mm	ATCC 7953	Stainless Steel	10^6 (1,000,000)	Tyvek / Tyvek
HPG129-04E	6 mm	ATCC 12980	Stainless Steel	10^4 (10,000)	Tyvek / Tyvek
HPG795-04E	6 mm	ATCC 7953	Stainless Steel	10^4 (10,000)	Tyvek / Tyvek



HyperGo discs in Tyvek packs

PART D

Low-Carryover Chromatography Consumables & Standard Mixes

Products

- **L-MARK® Gold Liquid Chromatography Syringes:** High-throughput autosampler syringes designed to eliminate sample carryover, with a chemically inert needle body and reproducible accuracy exceeding ±1%.
- **USP Elemental Impurities Mixes:** NIST-traceable calibration sets matching permissible oral and parenteral daily dosages for pharmaceutical and dietary supplement validations.
- **Pico-Pure® ICP-MS Acids:** Chem-Lab nitric, hydrochloric, hydrofluoric and sulfuric acids at ppb (Pico-Pure) and ppt (Pico-Pure Plus) metal levels for clean sample digestion before ICP-MS, each lot tested in an ISO 17025 laboratory.
- **Vacuum Systems:** Corrosion-resistant vacuum pump enclosures for intensive daily chemical wash-downs.



LC autosampler syringe



Elemental impurities calibration standards



Pico-Pure Plus acid, FEP

MANUFACTURER / SUPPLIER

Trajan Scientific / SGE Analytics · Chem-Lab (AnalytiChem) · Leybold Vacuum Components

PART E

Bioprocess & Research Centrifuges

The full Pharma+ range, from micro to 4 litre floor-standing models, with refrigerated versions for thermolabile proteins and cells, and hermetically sealable buckets for Class 3 containment.

MANUFACTURER / SUPPLIER

Excelsior Scientific Ltd (UK) · Pharma+ benchtop centrifuge range

CENTRIFUGES

Pharma+ Centrifuge Range

Designed by analytical chemists and laboratory scientists, with over 25 years of centrifuge manufacturing behind it. Capacities run from micro to 4 litres, all with bright blue touch screen LCD displays and ω²t as standard for full run repeatability. All centrifuges and rotors carry a 2-year warranty.

- **Through Flow Air System:** keeps samples and motor cool in ambient models, allowing longer run times.
- **Dynamic Efficiency Control refrigeration:** compressor hot-gas bypass with PID valve control holds set temperature to 0.5°C, compared with 3.5°C for on/off controlled competitors, while cutting power use by 25%.
- **Rotors built for chemical resistance:** salt-saturation tested stainless steel bowls, CNC-machined polypropylene fixed-angle rotors, and double-anodised aircraft-grade aluminium swing-out and high-speed rotors.
- **Operator features:** rotor recognition, 10 acceleration and 10 deceleration rates, 99 program memory, pulse short run, speed in rpm or RCF in 1 rpm steps, sound below 60 dB.
- **Safety:** multi-point lid locking, emergency lid release, lid lock and imbalance detection, overspeed sensor, barrier ring, and motor overheat sensor.
- **Class 3 containment:** hermetically sealable rotor buckets are available for work in Class 3 containment areas.



Pharma+ centrifuge with touch screen



Pharma+ centrifuge, lid open

K1015E / K1015RE Microtube Centrifuges

High-speed micro centrifuges in ambient and refrigerated versions.

- **Applications:** micro rotors for 0.2, 0.4, 0.5, 1.5, 2.0, 2.2 ml and PCR strips; haematocrit (PCV) rotor for capillaries and 2.0 ml tubes; fixed-angle rotors for 5 to 15 ml tubes; swing-out rotor for 2 to 5 ml tubes.



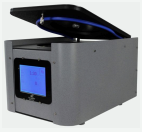
K1015E microtube centrifuge

SPECIFICATION	K1015E	K1015RE
Speed	500–15,000 rpm	500–15,000 rpm
Max RCF	22,000 G	22,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	280 × 240 × 360	320 × 280 × 575
Weight (without rotor)	12.8 kg	41.8 kg
Power	125 W	575 W
Memory	99 programs	99 programs

K2015E / K2015RE Centrifuges

Compact general-purpose centrifuges with cytology and microplate options.

- **Applications:** micro rotors 0.2 to 2.2 ml and PCR; haematocrit (PCV) rotor; fixed-angle rotors for 15 and 50 ml tubes; swing-out rotor for 0.5 to 125 ml tubes; cytology rotors in 4, 8 or 12 place (double holder).
- **Swing-out rotor BRK5506E:** 4 × 125 ml, 4,000 rpm / 2,200 RCF, with adaptors for Monovette, Vacuette, Falcon, and Nalgene tubes.



K2015E ambient centrifuge



K2015RE refrigerated centrifuge

SPECIFICATION	K2015E	K2015RE
Speed	500–15,000 rpm	500–15,000 rpm
Max RCF	22,000 G	22,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	320 × 350 × 470	325 × 360 × 610
Weight	22.8 kg	45.8 kg
Power	175 W	575 W

K241E / K241RE Medium Prime Centrifuges (1 L)

Mid-size benchtop centrifuges reaching 24,000 G.

- **Applications:** micro rotors 0.2 to 2.2 ml and PCR; haematocrit (PCV) rotor; fixed-angle rotors for 15 and 50 ml tubes; swing-out rotor for 0.5 to 250 ml tubes.
- **Swing-out rotor BRK1001E:** 4 × 250 ml buckets (1 litre), 4,000 rpm / 2,650 RCF, with adaptors for blood collection tubes, Falcon, and Nalgene/Oakridge tubes.



K241E medium prime centrifuge



K241RE refrigerated centrifuge

SPECIFICATION	K241E	K241RE
Speed	500–15,000 rpm	500–15,000 rpm
Max RCF	24,000 G	24,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	340 × 400 × 520	330 × 435 × 650
Weight	25.8 kg	57.8 kg
Power	275 W	625 W

K242E / K242RE Large Centrifuges (2 L)

Large-capacity benchtop centrifuges with an optional trolley (XMFSE, total height 98 cm).

- **Applications:** micro rotors and PCR; haematocrit (PCV) rotor; large fixed-angle rotors for 15, 50, and 100 ml tubes; swing-out rotor for 0.5 to 750 ml tubes; microplate rotor for 4 standard or 2 high plates.
- **Swing-out rotor BRK3000E with B2001E buckets:** 4 × 500 ml, 4,000 rpm / 3,600 RCF.



K242E large centrifuge



K242RE refrigerated centrifuge on trolley

SPECIFICATION	K242E	K242RE
Speed	15,000 rpm	22,000 rpm
Max RCF	24,000 G	24,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	375 × 540 × 620	410 × 825 × 650
Weight	54.5 kg	87.8 kg
Power	750 W	1,200 W

K243E / K243RE Large Prime Centrifuges (3 L)

The largest benchtop models, with an optional trolley (XMFSE).

- **Applications:** micro rotors and PCR; haematocrit (PCV) rotor; large fixed-angle rotors for 15, 50, and 100 ml tubes; swing-out rotor for 0.5 to 750 ml tubes; microplate rotor.
- **Swing-out rotor BRK3000E with B3001E buckets:** 4 × 750 ml, 4,000 rpm / 3,600 RCF.



K243E large prime centrifuge



K243RE refrigerated centrifuge on trolley

SPECIFICATION	K243E	K243RE
Speed	15,000 rpm	22,000 rpm
Max RCF	24,000 G	24,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	375 × 570 × 660	410 × 845 × 660
Weight	59 kg	105 kg
Power	750 W	1,200 W

K2FS4E / K2FS4RE Floor Standing Centrifuges (4 L)

Floor-standing high-capacity centrifuges for bulk processing.

- **Applications:** micro rotors and PCR; haematocrit (PCV) rotor; large fixed-angle rotors for 15, 50, and 100 ml tubes, plus BRK5256E for 6 × 250 ml at 10,000 rpm / 15,650 RCF; swing-out rotor for 0.5 to 1,000 ml.
- **Swing-out rotor BRK3000E with B4001E buckets:** 4 × 1,000 ml, 4,000 rpm / 4,500 RCF, with B5319E sealed lids.



K2FS4 floor standing centrifuge

SPECIFICATION	K2FS4E	K2FS4RE
Speed	500–15,000 rpm	500–15,000 rpm
Max RCF	24,000 G	24,000 G
Temperature	Ambient	-20°C to +40°C, PID ±1°C
Dimensions HWD (mm)	1000 × 575 × 660	1000 × 575 × 660
Weight	80 kg	115 kg
Power	1,200 W	1,200 W

Rotor Selection Guide

Fixed-angle rotors spin samples down fastest; swing-out rotors suit separations that need a flat pellet or layer. Rotors are autoclavable at 121°C.

ROTOR	TYPE	MAX SPEED	MAX RCF	FITS
BRK5424E	Fixed, 24 × 2 ml	15,000 rpm	22,000 G	All models
BRK5401E	Haematocrit, 24 capillary + 12 × 2 ml	13,000 rpm	15,800 G	All models
BRK5248E	Fixed, 48 × 2.2 ml	15,000 rpm	24,000 G	K241, K242, K243, K2FS4
BRK5208E	High speed fixed, 8 × 50 ml	10,000 rpm	13,400 G	K242, K243, K2FS4
BRK5256E	High speed fixed, 6 × 250 ml	10,000 rpm	15,650 G	K2FS4
BRK5540E	Microplate, 4 standard or 2 high plates	3,500 rpm	2,500 G	K2015RE, K241, K242, K243, K2FS4
4460E	Cytology, 12 × 0.2–6 ml	2,000 rpm	550 G	K2015
BRK5506E	Swing-out, 4 × 125 ml	4,000 rpm	2,200 G	K2015
BRK1001E	Swing-out, 4 × 250 ml	4,000 rpm	2,650 G	K241
BRK3000E + B2001E	Swing-out, 4 × 500 ml	4,000 rpm	3,600 G	K242
BRK3000E + B3001E	Swing-out, 4 × 750 ml	4,000 rpm	3,600 G	K243
BRK3000E + B4001E	Swing-out, 4 × 1,000 ml	4,000 rpm	4,500 G	K2FS4

PART F

Stability Testing, Incubation & Cold Chain

Thermostatic equipment for ICH-style stability and photostability studies, microbiology, cleanroom pass-through drying, and storage from +15°C down to -86°C, all available with calibration certificates and IQ/OQ/PQ.

MANUFACTURER / SUPPLIER

Excelsior Scientific Ltd (UK) · thermostatic laboratory equipment

THERMOSTATIC EQUIPMENT

KK Climatic Chambers & Phytotron (FIT)

Chambers that hold temperature from -10°C to +60°C and humidity from 30% to 90% RH, with optional day/night lighting (FIT phytotron system) up to 15,000 lux per shelf. TOP+ control with a 5.7" colour touch screen and Ethernet remote control.

- **Applications:** photostability tests, drug metabolism, life and exposure studies, tests of building materials, food preservation experiments, plant and fungus growing, seed germination, microorganism and insect breeding.
- **Standard equipment:** double door (solid outside, glass inside), USB and RS 232, stainless steel shelves, deionised water and waste water containers, open door alarm, 30 mm access port, and a test certificate at 25°C and 60% RH.
- **Protection:** over-temperature class 3.3 to DIN 12880.



KK climatic chamber



KK climatic chamber with phytotron lighting

MODEL	KK 115	KK 240	KK 350	KK 400	KK 500	KK 700	KK 750	KK 1200	KK 1450
Chamber capacity (L)	112	245	335	424	493	625	749	1365	1467
Working capacity (L)	112	245	335	424	386	450	749	1229	1307
Temperature (°C)	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60
Humidity (% RH)	30–90	30–90	30–90	30–90	30–90	30–90	30–90	30–90	30–90
Nominal power (W)	1000	1500	1400	2000	1600	1600	2500	2200	2200
Weight (kg)	90	140	125	185	130	170	275	220	230

THERMOSTATIC EQUIPMENT

ST Cooled Incubators

Heated and cooled incubators that hold a stable temperature from +3°C to +40°C (up to +70°C as an option) regardless of room conditions. Single, double, and triple chamber versions, with photoperiodic (FOT) or phytotron (FIT) day/night lighting options.

- **Applications:** BOD determination, microbiological research, plant growing and microorganism breeding at set temperatures, and storage of liquids and samples for physicochemical analysis.
- **Programs:** six-segment temperature-time profiles, 3 user programs, start delay up to 99:59 h, and min/average/max recording per segment.



ST double-chamber cooled incubator

MODEL	ST 1	ST 2	ST 3	ST 4	ST 5	ST 6	ST 500	ST 700	ST 1200	ST 1450
Chamber capacity (L)	70	150	200	250	300	400	500	625	1365	1460
Working capacity (L)	55	122	163	203	243	324	386	450	1229	1307
Nominal power (W)	160	170	170	330	330	330	400	400	550	550
Weight (kg)	32	54	59	69	75	90	105	115	185	200

THERMOSTATIC EQUIPMENT

CL Laboratory Incubators

Heated incubators from 5°C above ambient up to +100°C, in 15 to 1005 litre sizes, with natural or forced air convection and stainless steel interiors.

- **Applications:** incubation of samples for microbiological examinations, antibody testing, bacterial research, cultivating thermophilic bacteria, crystallisation studies, pharmaceutical stability testing, and thermal resistance of pigments and lacquers.
- **Standard equipment:** USB and RS 232, stainless steel shelves, test certificate at +37°C, open door alarm, and an air flap.



CL laboratory incubator

THERMOSTATIC EQUIPMENT

ILP Peltier-Cooled Incubators

Compressor-free incubators cooled by Peltier elements, from +15°C to +70°C (+100°C in TOP+).

- **Advantages:** quiet, vibration-free operation with no refrigerant, lower weight and power use, and excellent temperature stability and recovery after door opening.



ILP Peltier-cooled incubator

MODEL	ILP 53	ILP 115	ILP 240	ILP 400
Chamber capacity (L)	56	112	245	424
Overall W x H x D (mm)	600 × 710 × 660	660 × 850 × 770	820 × 1140 × 810	1040 × 1380 × 840
Nominal power (W)	400	400	800	800
Weight (kg)	69	90	140	190

THERMOSTATIC EQUIPMENT

SL Drying Ovens

Drying ovens reaching from 5°C above ambient up to +300°C, with natural (SLN) or forced (SLW) air convection, acid-proof DIN 1.4301 stainless steel interiors, and 0.1°C resolution.

- **Applications:** thermal resistance analysis of building materials and electronic components, ageing and curing, drying of laboratory glass, vulcanization studies, conditioning, digestion of proteins, drying of plant tissues, drug metabolism, life and exposure studies, serum protein analysis, and suspended solids evaluation.
- **Protection:** over-temperature class 2.0 to DIN 12880, with class 3.1 as an option and standard in TOP+.



SL drying oven

MODEL	SL 15	SL 32	SL 53	SL 115	SL 180	SL 240	SL 400	SL 750	SL 1000
Chamber capacity (L)	15	32	56	112	180	245	424	749	1005
Overall W x H x D (mm)	510 × 550 x 440	590 × 630 x 500	590 × 700 x 600	650 × 850 x 700	650 × 1030 x 760	810 × 1200 x 760	1010 x 1430 × 750	1260 x 1600 × 850	1260 x 2000 × 850
Nominal power (W)	600	1100	1600	2400	2400	3000	3900	5400	5400
Weight (kg)	27	35	50	65	94	126	174	260	330

THERMOSTATIC EQUIPMENT

SLWP Pass-Through Ovens

Forced-convection ovens with doors on both sides, up to +300°C, holding ±0.5°C at 105°C.

- **Use:** moving dried or heat-treated material between rooms, such as from a preparation area into a clean area, without opening a shared door.

MODEL	SLWP 115	SLWP 240	SLWP 1000
Chamber capacity (L)	112	245	997
Overall W x H x D (mm)	655 × 885 × 700	815 × 1180 × 815	1106 × 1716 × 965
Nominal power (W)	2400	3000	5600
Weight (kg)	65	126	350

THERMOSTATIC EQUIPMENT

CHL Laboratory Refrigerators

Excelsior Scientific

Single or double chamber laboratory refrigerators from 0°C to +15°C, with -10°C to +15°C available as an option. Forced air convection, defrosting, and microprocessor time and temperature control.

- **Applications:** storing water and sewage samples and piezometer leachate, AAS, GC, and HPLC calibration standards, reagents, and chemicals.
- **Standard equipment:** solid door (glass optional), RS 232, wire shelves, and a test certificate at +4°C.



CHL laboratory refrigerator

MODEL	CHL 1	CHL 2	CHL 3	CHL 4	CHL 5	CHL 6	CHL 500	CHL 700	CHL 1200	CHL 1450
Chamber capacity (L)	70	150	200	250	300	400	500	625	1365	1460
Working capacity (L)	55	122	163	203	243	324	386	450	1229	1307
Nominal power (W)	160	170	170	330	330	330	400	400	550	550
Weight (kg)	32	54	59	69	75	90	105	115	185	200

THERMOSTATIC EQUIPMENT

ZLN Laboratory Freezers

Excelsior Scientific

Freezers from -25°C to 0°C (ZLN 85) and -40°C to 0°C (ZLN-T and ZLW). ZLW models use forced-air "no frost" operation, so they never need manual defrosting.

- **Applications:** long-term storage of samples and biological material, storing easily decomposing material, pre-freezing, and freeze resistance tests of building materials such as concrete and wood.



ZLN laboratory freezer

MODEL	ZLN 85	ZLN-T 125	ZLN-T 200	ZLN-T 300	ZLW 200	ZLW 300
Air convection	Natural	Natural	Natural	Natural	Forced	Forced
Chamber capacity (L)	95	130	210	310	210	310
Temperature (°C)	-25 to 0	-40 to 0	-40 to 0	-40 to 0	-40 to 0	-40 to 0
Nominal power (W)	200	450	470	470	500	500
Weight (kg)	60	90	120	185	120	185

THERMOSTATIC EQUIPMENT

ZLN-UT Ultra-Low Freezers

Ultra-low freezers from -40°C down to -86°C for deep freezing of biotechnological samples, with separate internal solid doors for each compartment and stainless steel drawer racks.

- **Performance:** cools from +20°C to -80°C in 3.5 hours; takes 1.5 hours to warm from -80°C to -60°C after a power failure.
- **Options:** spare controller batteries, alarm output, and an extra port for CO_2 and Pt100 backup.



ZLN-UT ultra-low freezer with drawer racks



ZLN-UT ultra-low freezer interior

MODEL	ZLN-UT 200	ZLN-UT 300
Chamber capacity (L)	237	326
Internal chambers	3	4
Boxes (133 × 133 × 50 mm)	108	144
Test tubes (Ø12.5 mm)	8,748	11,664
Energy use at -80°C (kWh/24 h)	16	18
Overall W x H x D (mm)	850 × 1620 × 950	850 × 1910 × 950
Weight (kg)	180	200

THERMOSTATIC EQUIPMENT

Controllers, Software & Qualification

Every Excelsior thermostatic unit uses a PID microprocessor controller. All products can be supplied with a calibration certificate from an accredited measurement laboratory and with IQ, OQ, and PQ qualification.

- **STD controller:** LCD graphic display, six-segment profiles, 3 user programs, alarms, power failure recovery, and memory for 2,046 data records.
- **TOP+ controller:** 5.7" colour touch screen, up to 100 program segments, 20 user programs, user accounts with login, password-protected settings, 4,100 records per user, USB export, and remote control over Ethernet or the internet.
- **EasyLab software:** EasyLab Basic downloads stored data to a PC free of charge; EasyLab Professional adds continuous logging, charts, reports, and TOP+ programming.



STD microprocessor controller



TOP+ colour touch screen



EasyLab software screen

BRANDS

Brands We Supply

We source and supply genuine equipment, consumables, and replacement parts from leading global scientific and industrial manufacturers across the UAE.

Viyon Middle East L.L.C brings these manufacturers to laboratories and production sites across the United Arab Emirates, with local supply, installation support and compliance coordination.

Our core brands

BRAND	PRODUCT RANGE
The Rodwell Autoclave Company United Kingdom	Laboratory, production and composite steam autoclaves, built in 316 stainless steel, with cooling, drain and control modules.

BRAND	PRODUCT RANGE
Excelsior Scientific United Kingdom	Sterilization monitoring (biological and chemical indicators, Bowie-Dick packs), centrifuges, and thermostatic equipment: ovens, incubators, climatic chambers, refrigerators and freezers.
Jet Biofil China	Cell culture plastics, cell factories, bioprocess bags, sterile filtration and IVF consumables.
Trajan Scientific and Medical (SGE) Australia	SGE GC columns, inlet liners, septa, microfluidic fittings and analytical syringes, including L-MARK LC syringes.
SCP SCIENCE Canada	NIST-traceable ICP and AA standards, PlasmaPURE high-purity acids, and EnviroMAT and AgroMAT reference materials.
CONOSTAN Part of SCP SCIENCE	Metallo-organic oil standards, fuel, sulfur and chlorine standards, and lubricant condition monitoring controls.
AnalytiChem (Chem-Lab) Belgium	Pico-Pure and Pico-Pure Plus ultra-pure acids for ICP-MS trace analysis.
Leybold Germany	Rough, dry and high vacuum pumps, leak detectors and residual gas analyzers for industry and research.

Also sourced on request

Need columns, consumables or reagents from other laboratory brands? Send us your list and we will source the items through our supply channels, with one quotation, one invoice and delivery across the UAE.

- **Quick quotations:** Send part numbers or descriptions, as a list or a spreadsheet.
- **One order, many brands:** Combine items from different brands in a single purchase order.
- **UAE delivery:** Delivered to your laboratory anywhere in the Emirates.

PRODUCT GROUP	BRANDS
Chromatography columns & consumables HPLC, UHPLC and GC columns, guard cartridges, vials and fittings	Agilent · Waters · Thermo Fisher Scientific · Phenomenex · Restek · GL Sciences · HALO · Shodex · Kromasil · Tosoh
Laboratory consumables & glassware Filtration, plasticware, pipette tips, glassware and general lab supplies	Merck / Sigma-Aldrich · Fisher Scientific · Corning · DWK Life Sciences · Eppendorf · Pall · Cytiva · BD Biosciences
Biological reagents & culture media Antibodies, cell culture media, microbiology media and assay reagents	Invitrogen · Gibco · Oxoid · abcam · Bio-Rad · BioLegend · InvivoGen · Chromogenix · Charles River
Reference standards & analytical reagents Certified standards, Karl Fischer reagents and water testing reagents	LGC · CPAChem · HYDRANAL · HACH
Instrument accessories & spares Accessories, spare parts and consumables for laboratory instruments	Shimadzu · Sartorius · Lighthouse

To order: email your list to scientific@viyonmiddleeast.com or send it on WhatsApp to +971 56 671 6788.

Brands sourced on request. Not affiliated with or endorsed by the manufacturers. Brand names are trademarks of their respective owners and are used only to identify the products. Availability, pack sizes and lead times are confirmed on each quotation.

AFTER-SALES

Service & Support

Viyon Scientific supports the instruments and equipment we supply across the UAE, from installation and calibration to preventive maintenance, repairs and genuine spare parts.

What we offer

- **Installation & commissioning:** Site checks, installation and start-up of new instruments and equipment, with a handover to your operators so everything is ready for routine use.
- **Calibration & validation:** Calibration and performance checks to keep results accurate and traceable, with validation and IQ, OQ and PQ documentation support for regulated laboratories.
- **Preventive maintenance:** Scheduled servicing, cleaning, inspection and replacement of wear parts to keep instruments reliable and reduce unplanned downtime.
- **Technical support & repairs:** Fault diagnosis, troubleshooting and repair when an instrument stops, alarms or drifts. Send us the model, serial number and the problem and we will advise on the next step.
- **Genuine spare parts & kits:** Original spare parts, consumables and maintenance kits sourced for your instruments, so repairs and servicing use the right parts.
- **Service contracts:** Planned maintenance contracts with scheduled visits and one point of contact for your laboratory. Ask us for a proposal for your instrument list.



Installation & commissioning

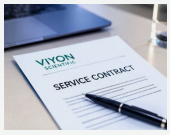

Calibration & validation


Preventive maintenance


Technical support & repairs



Genuine spare parts & kits



Service contracts

Instruments we support

INSTRUMENT TYPE	TYPICAL SERVICE WORK
Analytical instruments	Chromatography, spectroscopy and other analytical systems: preventive maintenance, calibration, performance checks and repairs
Sterilizers & autoclaves	Installation, safety checks, door seal and gauge checks, validation and calibration
Centrifuges	Installation, servicing, rotor and safety checks
Ovens, incubators & cold storage	Temperature calibration, IQ, OQ and PQ documentation, preventive maintenance
Balances, meters & general lab instruments	Calibration, adjustment, servicing and repairs
Vacuum pumps & systems	Installation, servicing, oil and seal changes, spare parts and service kits

Quality and how to book a visit

- **Documented work:** Service, calibration and validation work comes with the records your laboratory needs for audits and quality systems.
- **Quality system:** Service is delivered under the ISO 9001:2015 certified quality management system of Viyon Middle East L.L.C.
- **1. Tell us what you need:** Send the instrument model, serial number, location and the work needed or the fault you see.
- **2. We confirm the plan:** We reply with the scope of work, cost and a visit date.
- **3. Work is carried out:** The service, calibration or repair is completed and you receive the documents for your records.

LABORATORY PROGRAMME

VIYONCARE 360



Complete Care. Continuous Performance.

A comprehensive laboratory supply, service and equipment lifecycle support programme for laboratories across the UAE. No more sending a fresh enquiry every time your laboratory needs products: VIYON keeps your consumption profile on file and proactively manages your replenishment, so consumables, standards and reference materials arrive when you need them.

Six areas of care

- **Supply:** Laboratory consumables, chemicals, standards and reference materials with planned replenishment to help prevent stock interruptions.
- **Service:** Installation, commissioning, troubleshooting and repair coordination for supported laboratory instruments.
- **Calibration & Validation:** Coordination of calibration, validation and IQ/OQ/PQ activities with qualified technical partners, including supporting documentation.
- **Preventive Maintenance:** Planned preventive maintenance programmes designed to improve equipment reliability and minimise unplanned downtime.
- **Technical Support:** A single point of contact for product enquiries, order coordination, delivery updates and technical service requests.
- **Lifecycle Management:** Equipment records, service reminders, consumption reviews and ongoing recommendations to support your laboratory operations.

How VivonCare 360 works for you

- **1. You share your laboratory profile:** Tell us the equipment in your laboratory and your typical monthly consumption.
- **2. We prepare your schedule:** VIYON prepares a recommended product list and replenishment schedule for your laboratory.
- **3. You choose how to order:** Agree an annual supply arrangement or scheduled purchase orders, whichever suits your procurement.
- **4. We remind you ahead of time:** VIYON sends reminders before each anticipated replenishment date, so nothing runs out.
- **5. We look after your equipment:** VIYON manages equipment maintenance and service coordination for you.
- **6. We review every quarter:** VIYON reviews your consumption each quarter and identifies any additional requirements.

You stay in control. You keep control of every individual purchase order. There is no forced subscription and no prepaid arrangement.

What makes ViyonCare 360 different

- **Smart Replenishment Programme:** We monitor your consumption patterns and arrange replenishment before critical consumables run out. Particularly valuable for Oil & Gas and pharmaceutical laboratories.
- **Equipment Lifecycle Register:** An up-to-date list of your laboratory equipment with service history, calibration due dates and maintenance schedules.
- **Quarterly Laboratory Health Review:** A regular review of your consumption, equipment service needs, upcoming calibrations and opportunities to optimise purchasing.

Choose your level of care

Three programmes, each tailored to your equipment, scope and agreed service levels. ViyonCare 360 is a planned programme agreed with you, not an unlimited or free service commitment.

PROGRAMME	SUMMARY	INCLUDES
CARE BASIC	Consumables supply, replenishment planning and customer support.	Planned consumables and standards supply; replenishment schedule and reminders; one point of contact
CARE PLUS	Everything in Care Basic, plus scheduled maintenance and calibration coordination.	Everything in Care Basic; scheduled preventive maintenance; calibration and validation coordination
CARE COMPLETE	Everything in Care Plus, plus the equipment lifecycle register, quarterly reviews and priority coordination.	Everything in Care Plus; Equipment Lifecycle Register; Quarterly Laboratory Health Review; priority coordination

To join: share your equipment list and monthly consumption with scientific@viyonmiddleeast.com, and we will prepare a recommended replenishment schedule for your laboratory.

LOCAL ASSURANCE

Regulatory Clearance, Local Assurance & Contact

Certified Local Quality Assurance & Machinery Safety

- **UAE Compliance:** Viyon Middle East L.L.C ensures that 100% of our distributed machinery, high-pressure vessels, and chemical standard stocks are fully compliant with the regulatory guidelines of the United Arab Emirates.
- **High-Pressure Vessel Authorization:** Rodwell autoclaves operate as precision-engineered pressure systems creating door forces up to 11 tonnes. Viyon manages the mandatory structural safety, validation, and calibration alignments required for local mainland and free zone operations.
- **Industrial Compliance Coordination:** Registered to support direct chemical, petroleum, sterilization, and medical data logistics required by ADNOC Research, free zone safety inspectorates, the Dubai Municipality portal (Montaji parameters), and the Ministry of Health and Prevention (MOHAP).

Request a quotation

VIYON MIDDLE EAST

VIYON SCIENTIFIC SUPPLIES

CORPORATE ENTITY
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LINKEDIN
Viyon Middle East

CB-MS-1713 · ISO 9001:2015 Quality System Certified

ISO 9001:2015 certified. Viyon Middle East L.L.C operates a certified quality management system.

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