

4 VIYON MIDDLE EAST L.L.C · SECTOR BROCHURE 4 OF 7

Fragrances, Essential Oils & Cosmetics Formulation

Tailored for major perfume and personal care factories enforcing strict Quality Control parameters.

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 represent across the United Arab Emirates.

SolGel-WAX™
high-polarity GC phase

> 400°C
liner deactivation

±0.5%
PlasmaCAL certification

NIST 3100
traceability series

BRANDS IN THIS BROCHURE



High-Polarity Aromatic Chromatography Paths & Liners



Products

- **Capillary Columns & Liners:** SolGel-WAX™, BP20, BPX70/90 columns, and FocusLiner® inlet technology.
- **BP20 (WAX) & SolGel-WAX™:** High-polarity polyethylene glycol phases cross-linked in a Sol-Gel matrix, the standard for fragrance, flavor, residual solvent, and essential oil testing without phase degradation.
- **BPX70 / BPX90:** Polar phases for complex cis/trans fatty acid isomer separations.
- **FocusLiner®:** Locked-geometry quartz wool that wipes the needle tip and stops droplet formation, deactivated above 400°C for active, polar, and heat-sensitive trace analysis.



Fused silica capillary column



FocusLiner inlet liners

MANUFACTURER / SUPPLIER



Trajan Scientific / SGE Analytics

Automated Standard Preparation & Ultra-Pure Calibration Elements

SCP SCIENCE

Products

- **Sample Handling & Calibration:** EasyPREP automated handlers and PlasmaCAL ICP standards.
- **EasyPREP Sample Handler Systems:** Laboratory robotics for automated dispensing, aliquoting, serialization, normalization, and liquid transfers.
- **PlasmaCAL Single-Element Standards:** Certified to $\pm 0.5\%$ and traceable to NIST 3100 SRMs, at 1,000 and 10,000 $\mu\text{g/ml}$ in 2×25 ml, 125 ml, and 500 ml bottles.



PlasmaCAL single-element standards

MANUFACTURER / SUPPLIER

SCP SCIENCE

SCP SCIENCE

Stability Testing & Standards Storage

Climatic chambers for temperature, humidity, and photostability testing of formulations and packaging, plus refrigerators for GC calibration standards.

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

CHL Laboratory Refrigerators



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

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

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



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