



Integrated Vaccine Management

Designed to help Governments maximise the effectiveness of their vaccine program



and



IN PARTNERSHIP WITH  AQUARIUS

A close-up photograph of a person's face, focusing on their eyes and a white surgical mask. The mask is pulled down slightly, revealing a view of the Earth from space through its opening. The person has dark hair and brown eyes. The background is dark, making the face and the Earth stand out.

THE WORLD HAS CHANGED. SO HAVE WE.

We're focused on helping the world through crisis.

Using the same outcome driven management practices and logistics systems that served our clients, we are now focussed on delivering real solutions and products to the COVID 19 world.

A WIDE RANGE OF SERVICES.

SOLVING SOME OF THE WORLD'S BIGGEST PROBLEMS.

PPE & Vaccines

Keeping populations COVID-Safe by accessing large quantities of personal protection equipment and dedicated global deliveries of COVID19 Vaccines

Security, Defence & Counter Terrorism

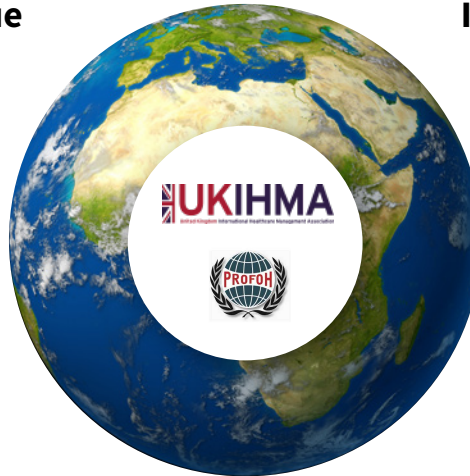
Ensuring the safety of assets, pipelines, and personnel by implementing strategic security and surveillance services and training programs.

Search & Rescue

A Robust and Integrated 24/7 SAR service effectively responding to all emergencies. Anywhere. Any Time.

Plastic Pollution

Delivering holistic solutions to the ever growing environmental issues caused by out of control ocean plastic pollution



Intelligence

Detect, Protect, Defend, & Recover.
Preparing for potential threats and reducing risk of incidents and business setbacks

COVID 19 ICU Hospitals

Rapid deployment of ICU hospitals specifically designed for helping nations respond to the COVID 19 crisis

Food Security

Restoring stability by delivering food in vast quantities to areas in immediate need

COVID 19 Detection & Screening Centres

Ensuring a healthy workforce & business continuity with rapid detection technology & processes

**VACCINES, SERVICES,
AND PPE PRODUCTS
FROM THE WORLD'S
MOST TRUSTED BRANDS.**

DELIVERED ANYWHERE IN
THE WORLD. FAST.

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INTEGRATED VACCINE MANAGEMENT (IVM)

Maximising the effectiveness of the entire inoculation process giving your country the best chance to gain control.





VACCINE SUPPLY



Sputnik V - 2 Dose Vaccine

Sputnik Light - 1 Dose Vaccine

UKIHMA's partnership with Aquarius Global and Strata opens a direct line to the Russian Investment Fund that owns and manufactures the Sputnik COVID19 vaccine. The first registered COVID-19 vaccine. Using proven Human Adenoviral vector technology.

The Sputnik requires no specialist cold storage which allows for large quantities to be on hand at minimal cost.



Pfizer and BioNTech leveraged decades of scientific expertise to design and execute a rigorous Phase 3 clinical trial program to make the Pfizer-BioNTech COVID-19 Vaccine available as quickly and safely as possible.

Pfizer consistently and diligently monitors the supply of our medicines. We operate one of the most sophisticated supply chain systems in the industry, with over 40 Pfizer-owned sites and over 200 suppliers globally, which provides capacity and redundancy as needed.



Sinopharm BBIBP-CorV COVID-19 is an inactivated vaccine made of virus particles grown in culture and lack disease-producing capability. This vaccine candidate was developed by Sinopharm's Wuhan Institute of Biological Products Co. and the Chinese Centre for Disease Control and Prevention (CDC).

China National Pharmaceutical Group Co (Sinopharm) is a large healthcare group directly under the State-owned Assets Supervision and Administration Commission of the State Council, with 128,000 employees and a full chain in the industry covering R&D, manufacturing, logistics and distribution.



It is made from a weakened version of a common cold virus (known as an adenovirus) from chimpanzees. It has been modified to look more like coronavirus - although it can't cause illness. Unlike Pfizer's vaccine - which has to be kept at an extremely cold temperature (-70C) - the Oxford vaccine can be stored in a normal fridge. This makes it much easier to distribute.



LOGISTICS - FULLY MANAGED FROM FIRST MILE COLLECTION TO END USER DELIVERY

Speed of delivery from point to point is crucial

Our partner Aquarius Global has over 20 years of global logistics experience. Previously we focused on solving problems for Oil & Gas, Government, Defence and heavy industries. Now we're focused on helping the world through crisis.

World governments and private buyers alike are searching for validated PPE supplies. Our Integrated Vaccination Management offers not only that validation, but rapid delivery and peace of mind.

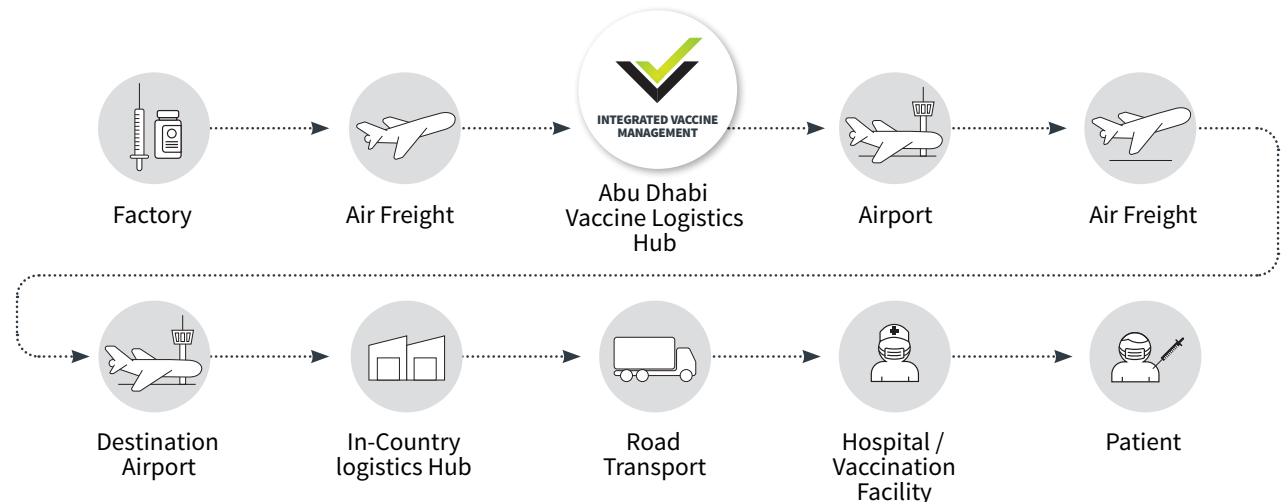
- **Largest Vaccine hub & Ultra cold Freezer Farm in MENA region,**
- **Certified to DOH and ISO standards – manned 24/7 over 150 CCTV cameras**
- **Complete back up and remote monitoring systems to ensure Quality compliance**
- **Qualified and licensed Pharmacists on site at our Abu Dhabi logistics hub**
- **Tracked from collection to delivery to end user inoculation - complete transparency!**



In Partnership with Rafed

As a key link in the logistics chain, Rafed has successfully processed more than three million vaccine doses each month. The dedicated Rafed Distribution Centre in Abu Dhabi has the capacity to hold **127million Vials @ 2-8°C or -20°C and 15 million doses @ -80°C**

Geographical proximity to ~3.6Bn people within 6 hours reach enables us to offer Point to Point and Hub and Spoke options to some of the most challenging markets.





STORAGE & IN-COUNTRY DEPLOYMENT

Organised in-country distribution of quality products to help national health systems combat the COVID19 crisis.

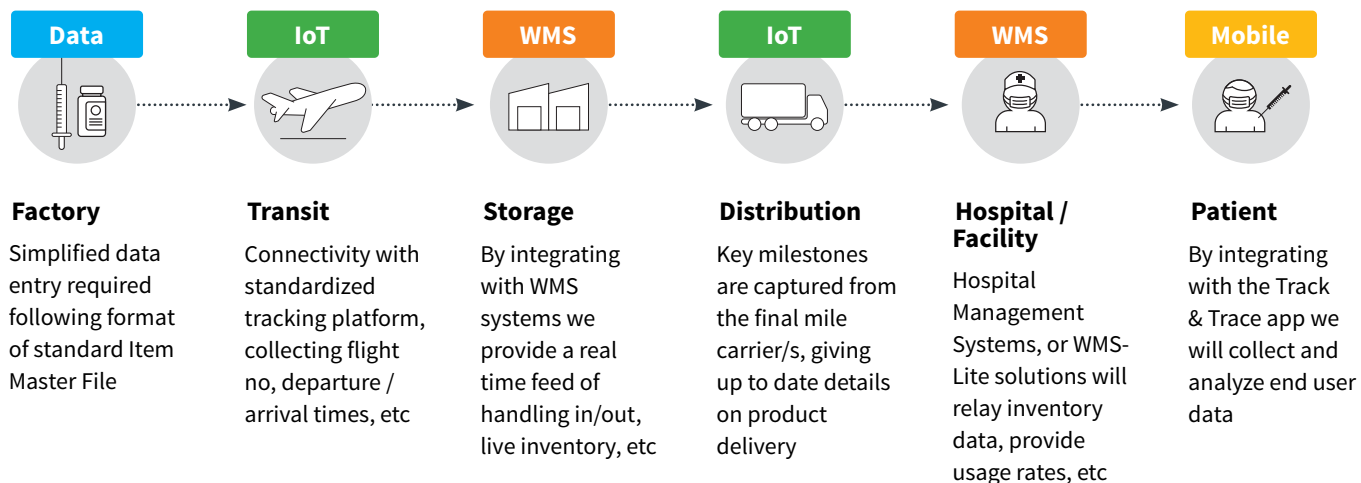
At the centre of the Integrated Vaccine Management is the experienced logistics team. Efficient processes and workflow will enable fast turnarounds.

UKIHMA will set up world class storage and in-country distribution systems to move quickly and meet

client's demanding and rapidly changing needs. The centre or centres will be strategically located close to international airports allowing for fast dispatch and delivery.

Physical & Digital Solution Offering Complete Transparency:

Block chain enabled digital solutions drive our supply chain.





DETECTION SERVICES

Streamlined RT-PCR, Antigen, and Digital Testing.

Efficiency, Safety & Accuracy. Every person will undergo an immediate RT-PCR Test. The biological matter sampled via a swab will then be securely delivered to the co-located PCR Laboratory provided by UKIHMA. These facilities will be manned with specialist personnel and equipment to deliver the highest standards and efficiency for the large numbers of expected users.

Rapid Testing Kits



COVID-19 Rapid Test identifies Antigen present in Swab sample and give a qualitative Yes /No result within 15 minutes (with or without machine reader) and test for Antibody in 10 minute.

- Fast turnaround time results within 10 & 15 minutes.
- Facilitates regular and scaled up testing options.
- Screen anywhere with high sensitivity



The Co-Located Testing & Laboratory approach delivers the safest and most efficient way of processing large numbers of citizens as required by the Government. It will be the front line of defence and dramatically reduce the stress on the health care system. Our technology will give real time feedback of the entire situation aiding the decision making for the Ministry of Health.

Safe, Sturdy & Spacious

Sturdy and spacious supporting large amounts of people while employing social distancing.

Hygienic

Every person is sanitised and wearing a KN95 mask upon entry.

IT & Communications

systems linking Project Office & MoH



The safety of personnel and the public is paramount

On Site Laboratory to ensure accuracy and timeliness of every test

On site hazardous waste disposal units & systems

Rapid Test in 15 minutes or 24 hour lab test turnaround

The latest One Step RT-PCR testing equipment





Testing Process

Capability to perform
6,000-10,000 tests/day

1

Entrance

Implementing social distancing. Signage will be clear and front line responders on hand with COVID-19 information.

2

Q-Passage Sanitisation

All personnel must enter through the Q-Passage to be sanitised.

3

Temperature Check

The Sanitisation tunnel will administer a digital IR temperature check. Results entered directly into database.

4

Identification

The Q-Passage uses facial recognition and bio-data to confirm details of the employee. Name, & ID is then assigned to individual Covid19 Test Kit.

5

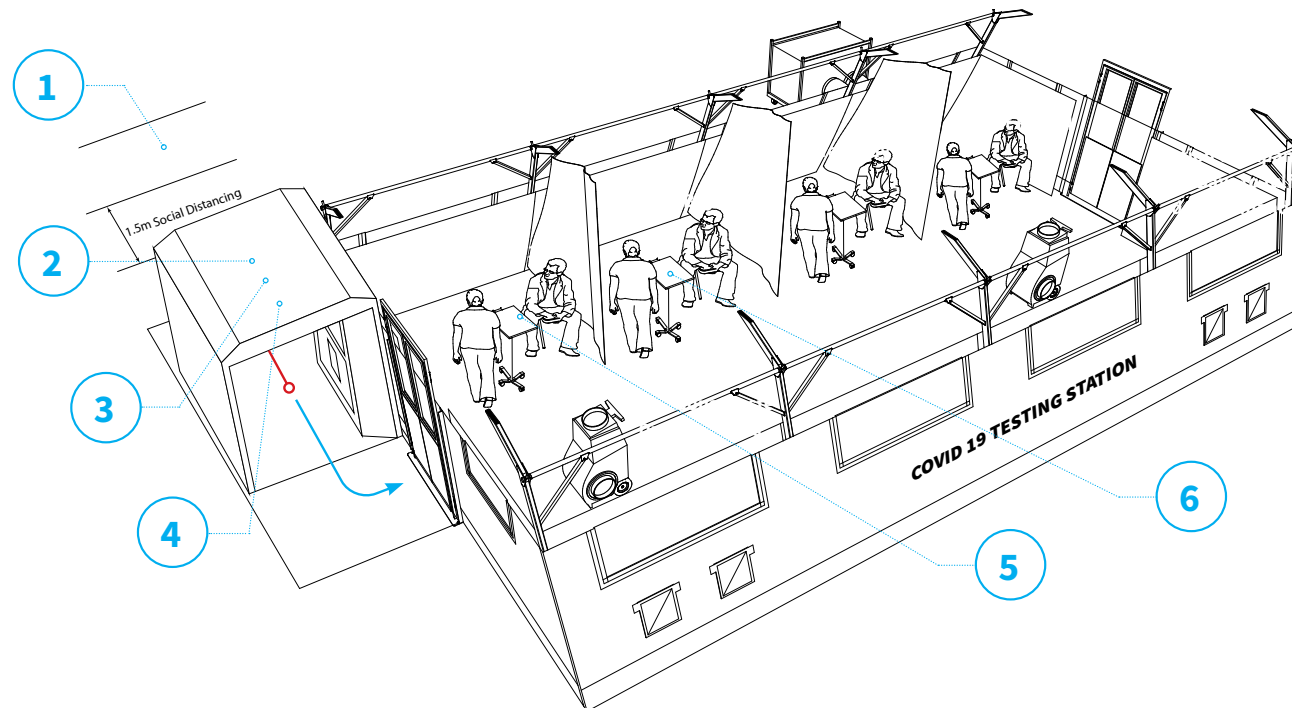
Pulse Oximeter

The pulse oximeter measures the oxygen levels in the patients blood.

6

RT-PCR Test

HCP's take the test kit from the employee and administers the PCR Swab.



7

Rapid Antigen Test within 15 minutes (Lab Result within 24hrs)

On location Antigen testing or result swabs are secured and transported to the Mobile Laboratory which is co-located with the Mobile Testing Centre.

8

Health Ministry Verification

All test results will be sent to Ministry of Health for internal verification.

9

Real Time Data

Results stored on UKIHMA's locally based secure server. Government will have secure access to real time COVID 19 infection data .



INOCULATION CENTRES & SERVICES

UKIHMA will set up Inoculation Centres to administer the COVID 19 vaccines using efficient staff and safe procedures.

The turnkey nature of the COVID19 Inoculation Centre allows for rapid set up anywhere, any time to effectively administer each citizen's vaccination across the country. The modular design of the centre and the specialised technology components integrate seamlessly with out the need for specialist lab technicians. The COVID19 Inoculation Centre gives you the freedom to serve the locations where it's needed most.



Mobile Solution

Sturdy, durable, insulated and mobile. Each centre can be delivered and erected easily in any location around the globe.



In Country Healthcare Professional Deployment

Efficient staff management & mobilisation, safe procedures, and mobile facilities to effectively administer each citizen's vaccination across the country. The Health Care Professional's will administer the Covid19 vaccine as per the manufacturers guidelines to maximise the vaccine effectiveness.





TRACK & TRACE - VACTRAK APP

Maximise Vaccination Effectiveness.

UKIHMA, through its partnership with Aquarius Global and Quantlase Lab, now offers the VacTrak integrated vaccination software to help maximise the vaccination drive. VacTrak enables a centralised control and administration of the entire vaccination process. You will know you are getting authentic vaccines from the manufacturer with VacTrak's **vaccine verification**, know who has been vaccinated with **recipient traceability (Track & Trace)**, and manage your team efficiently with **complete process administration**. All is available in an easy to use app and administration dashboard via desktop or smart phone.

VacTrak is currently tracking:

- 6 Million individual members
- 5 Million DPI tests
- 1.5 Million vaccinated people
- 2 Million PCR tests

Vaccine Verification



Vaccine Authenticity



Stock Delivery & Distribution



Stock Transportation & Tracking



Temperature Monitoring



Stock Request



Auditing & Compliance

Recipient Traceability



Fit for Vaccination Assessment



Dose Management



SMS Triggered



Vaccine Card



Real Time Integration

Administration



Admin Dashboard



Secure Admin Login



Team Wise Numbers



Location Wise Numbers



Dose Registration



MAINTAIN NARRATIVE

Take Control of the National Perception

UKIHMA, through its strategic partnership with Blackcloud Middle East (BME), pre-emptively addresses threats and furthers our clients' national security and economic interests by monitoring and collecting relevant data from the deep, dark and open web.

We employ data analytics and artificial intelligence to produce objective analyses and reports and offer state-of-the-art infrastructure environments that enhance cyber security and protect communications.

With over 100+ years combined experience supporting various national security elements within the United States and UAE, our operatives are recognized experts in the fields of OSINT, Web Intelligence, Signals Intelligence, Counterterrorism, Information Technology and Supply Chain Management.

Value-Added COVID-19 Solutions

- **Data Analytics Centre**

Establish a small form factor, state-of-the-art OSINT data analytics center to collect and analyse social media, deep/dark web, and other commercially procurable data sources that support the timely and orderly distribution efforts of the government.



- **Detect Detrimental Public Narratives**

Identify and document public narratives that are detrimental to or critical of the COVID-19 public vaccination program.

- **Craft Public Messaging**

Assist governments in crafting public messaging to neutralize negative narratives in order to maximize program effectiveness and ensure the government is seen as a national hero.

- **Conduct Opinion Polling**

Conduct rapid, granular, SMS opinion polling to identify specific areas/demographics that require additional government focus and resources.

- **Daily Intelligence**

Provide daily and event-based OSINT products designed to contextualize regional/global developments in support of the COVID-19 public vaccination program.

BME's value-added reports, analyses and infographics can be translated into Portuguese to ensure a wide degree of visibility and dissemination.



STAFF & VACCINE SECURITY

UKIHMA will ensure the vaccines are secure and that all medical staff are safe to deliver your vaccination program

Our bespoke service will be tailored to your exact requirements and can provide a 24 hour, 7 days per week **Vaccine Protection, Personnel Protection and Security Intervention Service** for the critical vaccination operations.

The service will utilise static teams and mobile teams of strategic professional operatives to protect each Vaccination Centre, medical staff and vaccine cargo against threats including:

- **Threats against the individual**
Medical staff kidnapping, murder, extortion, physical threats or attacks in transit, at the vaccination centres, or at accommodation.
- **Physical threats against the vaccination centres**
Securing each vaccination centre against physical attack.

Vaccination Centre Security

All vaccination centres will be guarded 24/7 to ensure the safety of medical staff, patients and the vaccines against all physical threats.

Staff Accommodation Security

All medical staff accommodation will be guarded 24/7 to ensure their safety.



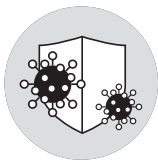
- **Physical threats against the staff accommodation**
Securing the staff accommodation against physical attack.
- **Physical threats to each convoy**
Securing the transit of staff and vaccines between accommodation and the vaccination centres against attack and ambush.
- **Physical threats against patients**
While at the vaccination centres.
- **Theft or destruction of vaccines**
While in transit or in storage at the vaccination centres.

Transit Security

Securing the medical staff and vaccines against threats while in transit between accommodation and the vaccination centres.

Vaccine Security

Securing the vaccines against theft or damage at the storage facility, in transit, and at the vaccination centres.



PREVENTION

Getting ahead of the pandemic with products that kill viruses on contact and enhance your immune system.

Providing clean and natural ways to help fighting the viruses and bacteria without using chemicals or alcohol based products.

Alpha Technologies Limited develops and provides solutions related to Human Immune System Health, Hygiene, Disinfection and Sanitisation, Water Treatment and Water Restructuring via Anti-Oxidant Technologies.



Powered Immunity Thin Films

Electro-magnetically charged alkaline water for more purity & hydration.

Our patented electrolysis technology brings you the protective power of alkalinity in thin films that boost your immunity and prevent viral infections in your mouth and throat from taking hold.



Nasal Spray

Electro Magnetically charged pure water spray for nasal passage protection and immunity.

Our patented electrolysis technology puts the power of alkalinity at your service so that you can benefit from spritz after spritz of nasal passage hydration, boosted immunity and protection from viral infections.



ECO+ Matrix Shield Masks

High end, super comfortable masks embedded with SILVERbac Anti-Microbial technology for the ultimate COVID 19 protection that withstand 100 washes!

3D knitted design with customised layering technique to enhance breath ability and 99% bacterial filtration.

Double wire nose wire improves concealing at the nose bridge and self knitted adjustable tubular ear loop for the ultimate comfort.



Angel Water

**Angel Water is immune boosting
PH 9.5+ Alkaline water.**

It's water with the power to help your body respond to viral and bacterial pathogens. Angel Water will help you revitalise your immune system and power your cells to survive + thrive.

**Increased Hydration + Increased Cell Voltage
= Increased Vitality**

The molecular structure of Angel Water delivers 4x deeper hydration throughout your entire body enabling the flow of critical vitamins and minerals to where it's needed most.



CapaCare Protect Anti-Viral Paint

CapaCare Protect is developed with unique Silverbac technology to persistently inhibit the growth of viruses and bacteria on the coated surface, decreasing the spread of contagious diseases.

Offers outstanding anti-microbial effectiveness against pathogens such as Escherichia coli (E.coli) methicillin resistant Staphylococcus aureus (MRSA), and Covid 19 with a microbial kill rate of > 99%

VACCINE PRICING & AVAILABILITY

Pricing for all products and services will be quoted on a case by case, country by country basis.

UKIHMA is able to respond quickly to clients needs and can source and supply any equipment, PPE, and other goods and services that may be required.

UKIHMA is very keen to support and meet your requirements with a view to developing a long term business relationship and more importantly delivering world class products and services.

We are positioned well to commence delivery quickly and efficiently to ensure that your goals and objectives are met. We give a firm commitment to provide professional, high quality services at all times.

We look forward to being of service.

RESPOND & PROTECT. AN IMPORTANT STEP FORWARD.

UKIHMA has worked hard to secure vaccine availability for it's clients for immediate delivery via air or sea. We have been working together with Sputnik V, AstraZenica, Pfizer, and Sinopharm to meet our client's needs safely and securely.

PPE PRODUCTS



Honeywell H910 Plus

FFP2 RESPIRATORY MASK

PPE-R/02.075 version 1 (FFP2)

EN 149+A1:2009, ASTM F2101, ASTM F1862

Tight fitting. Filters out at least 98% of airborne particles , solid and liquid aerosols that do not contain oil. Fluid/ Blood spatter resistant. Additional tests for Bacterial Filtration and Penetration of Synthetic Blood make it **recommended for Health Care industry.**

BFE > 99.5 %

Vertical Flat fold ear loop type **4 Layers** Spunbond + Needle punch+ Meltblown + Spunbond



Honeywell H919 N95

RESPIRATORY MASK

NIOSH 42 CFR Part 84, ASTM F2101, ASTM F1862

Tight fitting. Filters out at least 98% of airborne particles , solid and liquid aerosols that do not contain oil. Additional tests for Bacterial Filtration and Penetration of Synthetic Blood make it **recommended for Health Care industry.** The comfort, protection levels, and all day wearability make it the perfect choice for customer service industries.

BFE > 97%

Vertical Flat fold headstrap type **4 Layers** Spunbond + Needle punch+ Meltblown + Spunbond



3 PLY MEDICAL MASKS

Face masks made of 3-ply non-woven fabric with an elastic ear loop. The features include easy breathable, effective multilayer bacterial filter, Soft, lightweight, comfortable and easy to wear.

Offers excellent bacterial filtration efficiency.

Disposable, ready for use. Comfortable and breathable material with three layers of protection.

Easy to pack for convenience - Suitable for travel and commuting. One time use only. Universal size fitting (One size fits all).



PERSONAL
COVIDkit +
 AQUARIUS GLOBAL



BE PREPARED.

The Personal COVIDkit offers fast and effective protection for when you're caught off guard.

With the protection and production quality of one of the world's leading PPE manufacturers, Honeywell, the Personal COVIDkit is designed for a quick and easy response to COVID 19 safety measures. Whenever. Wherever.

Superior Protection. For you and everyone close to you.

Built for the medical industry, the Honeywell H919 N95 NIOSH respiratory mask is now priced for everyone, everyday. The superior quality and protection of the H919 will give you the confidence and comfort to continue living life within this new normal.

MEDECO AD (AUTO-DISABLE) 0.5ML SYRINGE

The safest way to administer vaccines.

AD syringes virtually eliminate the risk of patient-to-patient infection via blood-borne pathogens (such as Hepatitis B or HIV) because they cannot be refilled and reused.

Our syringes enjoy global quality approvals and certifications from bodies such as the ISO and World Health Organization (WHO). We are the only WHO-approved manufacturer of AD syringes in the Middle East, producing over 300 million units per year.

Our flagship Auto Disable (AD) syringe comes with a fixed needle that can be used just once. It uses a three-part assembly which forms a unique one way valve. The valve gets activated after the first usage, blocking further intake of liquid and preventing refill.



Specifications:

Graduations:	0.5ml
Quality standard:	ISO 9001, ISO 13485,
Syringe material(s):	Polypropylene
Markings:	CE mark 0120
Fixed needle size:	23G x 1" (0.60 x 25 mm)
Pieces per carton:	1400
AD mechanism:	valve in the syringe hub
Volume per carton (m3):	1,400 pcs 0.055 m3, 3,000 0.112m3

AD location:	Start of injection
Weight per carton (kg):	1,400 pcs 5.7 kg, 3,000 11.1kg
Number of components:	3 pieces Minimum order: 1400 or 3000
Other needle options:	Yes
Incoterms:	EXW
Primary packaging:	Blister pack



Honeywell DEXPURE® DISPOSABLE GLOVES



Powder free Nitrile Exam grade Gloves 4Mil.

Nitrile formulation does not contain latex proteins that could cause allergic reactions.

Protective Gloves against contamination with improved Tactile sensitivity and grip, Biocompatibility tested

Sizes : S to XXL

Confirms to Conforms to ASTM D6319 & EN 455



Honeywell DERMATRIL® 740 DISPOSABLE GLOVES



Nitrile Powder free Gloves AQL<0.65.

Nitrile formulation does not contain latex proteins that could cause allergic reactions.

Nitrile Rolled Edge

Roughened fingertips 4Mil, 240mm length

Sizes : S to XXL

Confirms to : EN ISO 374-1 (KPT) EN 374-5 Micro-Organisms, EN 455



12 INCH BLUE NITRILE GLOVES

12inch blue nitrile gloves.

Nitrile formulation does not contain latex proteins that could cause allergic reactions.

Protective Gloves against contamination with improved Tactile sensitivity and grip, Biocompatibility tested

Sizes : Small, Medium, Large, and Extra Large

Conforms to ASTM D6319 & EN 455

Comes in boxes of 100



Honeywell MUTEX® LIGHT+ PROTECTIVE SUIT **CE**

Single use protective clothing designed to protect against particles, contaminations and Chemical splashes.

Anti static, Silicone and latex free. Resistance to particles, contamination and chemical splashes

Sizes : S-XXL

Confirms to EN 1149-5 , EN 1073-2 EN14126



Honeywell SPACEL® C4 PROTECTIVE SUIT **CE**

Single use protective clothing Type 4b /5/6, designed to protect against particles contamination and chemical splashes & spraying.

3 pieces hood improving the fitting especially when wearing a full face mask.

Thumb loop preventing sleeves from riding up when working above head. Radioactive and biological certified

Sizes : S- XXL

Confirms to EN 1073-2 EN1149-5 EN14126



ISOLATION GOWN 25GSM, 45GSM, 70GSM

These gowns are ideal for patient contact, fluid isolation, decontamination or general clean-up tasks. With sealed seams, neck tape, a wide belt and elastic cuffs.

Fully meets AAMI Level 2 requirements for Liquid Barrier Performance, providing Level 2 protection for the wearer.

These non-sterile gowns feature an impervious plastic film or film laminate, poly-coated spunbond, or 3-layer SMS fabric with polyethylene coating.



UKIHMA is an internationally focussed organisation with a proven track record of successful delivery through expert consortia and is ideally placed to respond to complex infrastructure projects with comprehensive solutions.

m e m b e r s h i p @ u k i h m a . c o . u k

w w w . u k i h m a . c o . u k



PROFOH's Mission is to support weak and compromised communities globally, to overcome Health, Education, and social challenges arising from ill health, poverty, and man-made or natural disasters. This work substantially supports women and children through critical interventions including medicine, safe drinking water, education, and necessary policies around them.

PROFOH's Vision is the elevation of the human race through medical and social interventions and access to high quality health care by vulnerable populations in all cultures throughout the World.