FELCON ARE COMMITTED TO PROVIDING **BEST QUALITY, BEST VALUE EQUIPMENT AND SERVICES** TO BOTH NEW AND EXISTING CUSTOMERS.

FELCON IS **COMMITTED TO CONSTANT CHANGE AND IMPROVEMENT** IN AN EVER CHANGING WORLD.
WHO ARE FELCON?

FOUNDED IN 1971, FELCON HAS BECOME AN INDEPENDANTLY OWNED, WORLDWIDE SPECIALIST MANUFACTURER FOR CLEANROOM, LABORATORY AND HOSPITAL EQUIPMENT.

ALL EQUIPMENT IS MADE WITHIN THE FELCON FACTORY HERE IN NEWHAVEN, ENGLAND.
WITH A TEAM OF EXPERIENCED IN-HOUSE DESIGN, MECHANICAL, ELECTRICAL, SOFTWARE AND TEST ENGINEERS, FELCON ARE ABLE TO DESIGN AND BUILD CUSTOM TO SUIT ANY APPLICATION.

FELCON IS CONVENIENTLY SITUATED ON THE SOUTH COAST OF ENGLAND. WITH GOOD ROAD AND RAIL ACCESS FROM GATWICK AIRPORT AND EUROPE VIA THE LOCAL FERRY TERMINAL IN NEWHAVEN – DIEPPE.
WITH ONLY A SHORT DRIVE INTO LONDON AND 20 MINUTE TRAIN JOURNEY INTO BRIGHTON, FELCON’S CENTRAL LOCATION IS CONVENIENT AND ACCESSABLE.
WITH 46 YEARS OF EXPERIENCE, THIS HAS LEFT FELCON WITH A GLOBAL FOOTPRINT ENABLING THEM TO EQUIP TO BUSINESSES FROM ALL OVER THE WORLD.

FELCON INSTALLATIONS AND REPRESENTATIONS

EUROPE: UK, IRELAND, FRANCE, BELGIUM, GERMANY, ITALY, SWITZERLAND, AUSTRIA, NETHERLANDS, NORWAY, DENMARK, CYPRUS, HUNGARY, BULGARIA, FINLAND, TURKEY, CYPRUS

ASIA: CHINA, INDIA, SINGAPORE, PAKISTAN, HONG KONG, PHILLIPINES, MALAYSIA, TAIWAN, QATAR, UNITED ARAB EMIRATES, KUWAIT, SAUDI ARABIA, YEMEN, OMAN

VAST LOCATIONS ACROSS AMERICA, AFRICA, AUSTRALIA AND NEW ZEALAND
FELCON HISTORY

1971  Founded as Fell Clean Air Ltd
1977  First overseas installation
1978  Formed Cleanroom Division
1988  Built first Robotic Wet Bench
1992  Buyout and restructuring as Felcon Ltd
1994  £multi-million Installation in Uzbekistan
1995  £multi-million Turnkey project in India
1999  Purchased Goldsworth Medical Limited

2003  Management buyout resulting in present structure organised to focus on high quality equipment
2007  £multi-million Installation in Norway
2009  £million Installation in Oxford
2011  Management share ownership change
2014  Management Buy-Out
2015  Formed FelMed as endoscopy equipment supplier
2016  Installation in Saudi Arabia
2007  £multi-million Installation in Norway

AROUND 70% OF UK ENDOSCOPY CLINICS ARE NOW PROVIDED BY FELCON LTD.
FELCON COMPANY STRUCTURE

IAN MUTTON
MANAGING DIRECTOR

ACCOUNTS
PURCHASING MANAGER
DESIGN DEPARTMENT
SERVICING
ADMIN

PRODUCTION MANAGER
PLASTIC FABRICATION SUPERVISOR
IN-HOUSE TESTING SUPERVISOR
PLASTIC FABRICATION DEPARTMENT

METAL FABRICATION SUPERVISOR
MACHINE DEPARTMENT
METAL FABRICATION DEPARTMENT

ASSEMBLY AND INSTALLATION SUPERVISOR
VEHICLES AND FACTORY MAINTENANCE
COMMISSIONING

SALES

HEALTH AND SAFETY
QUALITY

FelconLtd
RECENT AND PREVIOUS PROJECTS

- **India** (2016) Chemical Wet Stations
- **Saudi Arabia** (2016) Chemical Wet Stations
- **France** (2015) Robotic Enclosures
- **Norway** (2015) Personal Air Shower
- **USA** (2015) Robotic Enclosure
- **India** (2015) Wet Benches
- **Malaysia** (2010) Containment Doors
- **Pakistan** (2010) Personnel Showers
- **India** (2010) Wet Benches
- **Singapore** (2009/2010) Fumigation Transfer Hatches
## MARKET SECTORS

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WHAT DO WE DO?

WE WORK TO DEVELOP & MANUFACTURE EXCELLENT PRODUCTS WITH THE HIGHEST QUALITY AND PRECISION TO SATISFY ALL THE NEEDS OF OUR CLIENTS. FELCON APPLY A PHILOSOPHY OF CONTINUOUS IMPROVEMENT IN ALL PROCESSES, BY DEVELOPING THE TALENT OF EMPLOYEES & INCREASING THE RESPECT, COMMITMENT AND ATTITUDE FOR THE SERVICE OF OUR CUSTOMERS.
WET PROCESSING

FELCON WET PROCESSING TOOLS ARE USED WHERE SUBSTRATES OR PRODUCTS REQUIRE CHEMICAL ETCHING OR CLEANING. THIS IS OFTEN AS PART OF A LARGER MANUFACTURING PROCESS, TYPICALLY IN THE MANUFACTURE OF SILICONE WAFERS FOR EXAMPLE OR IN MEDICAL APPLICATIONS SUCH AS STENT MANUFACTURE.

MANUAL WET PROCESS BENCHES: POLYPROPYLENE (ACID BASED), STAINLESS STEEL (SOLVENT BASED), WITH LAMINAR AIR FLOW

ROBOTIC WET BENCHES OR QUARTZ AND PARTS CLEANERS
OUR IN-HOUSE DESIGN TEAM ARE ABLE TO ADAPT AND CATER FOR ANY SPECIFIC NEED AND REQUIREMENT. HERE IS A VARIETY OF EXAMPLES FELCON ARE ABLE TO PROVIDE TO CUSTOMERS:

PHARMACEUTICAL GRADE KEG TRANSFER AND TIPPING ISOLATOR WITH CONVEYOR SYSTEM, TIPPING, TRANSFERRING, CAPPING, FUMIGATION, SPECIALIST GAMP SOFTWARE, SAFE CHANGE FILTRATION ALL WITHIN HIGH GRADE STERILE, NOT PARTICULATE GENERATING ENVIRONMENT

STANDARDS FOR THE ISOLATORS CONFORM TO CONTAINMENT LEVELS 3, TYPICALLY 0.01MG/M3 EXPOSURE LEVELS
THE FELCON TRANSFER HATCH IS DESIGNED SPECIFICALLY FOR THE TRANSFER OF PRODUCT FROM ONE ROOM TO ANOTHER (USUALLY CLEANROOMS OF VARYING PRESSURE DIFFERENTIALS). THIS IS DONE THROUGH ADJOINING WALL PARTITIONS. DOORS AT EACH END ARE EITHER INTERLOCKED MECHANICALLY OR ELECTRICALLY SUCH THAT ONLY ONE DOOR MAY BE OPENED AT ONE TIME. FELCON TRANSFER HATCHES ARE BUILT FROM STAINLESS STEEL (304 GRADE AND 316 GRADE) OR POLYPROPYLENE. THEY MAY ALSO INCORPORATE SUCH FEATURES AS: UV OR VHP STERILISATION, LAMINAR AIR FLOW, INFLATABLE DOOR SEALS AND FULLY WELDED CONSTRUCTION WITH RADIUSED CORNERS. THEY MAY BE EITHER FLOOR OR WALL MOUNTED WITH EITHER HINGED OR SLIDING DOORS. WE ALSO SUPPLY PASS BOXES, PASS THROUGH HATCHES, PASS THROUGH CHAMBERS, TRANSFER CHAMBERS AND TROLLEY HATCHES.
FELCON FUMIGATION CHAMBERS ARE PROVIDED AS A MEANS OF ENTERING PRODUCT EITHER ‘IN TO’, ‘OUT OF’ OR ‘WITHIN’ A FACILITY. WITHIN ITSELF, IT HAS SOME FORM OF CONTAMINATION CONTROL WITH ROOMS OF VARYING PRESSURE DIFFERENTIALS AND AT THE SAME TIME FUMIGATING THAT PRODUCT IN A SAFE MANNER. PRODUCT LOADED INTO THE FELCON CHAMBER IS FUMIGATING AND/OR STERILISED BY A NUMBER OF DIFFERENT TECHNIQUES, SUCH AS: VHP (VAPORISED HYDROGEN PEROXIDE), UV LIGHTING, FOGGING, MISTING OR HYDROGEN PEROXIDE.

THE CHAMBERS ARE BUILT FROM EITHER 304 OR 316 GRADE STAINLESS STEEL. THEY MAY ALSO INCORPORATE THE LAMINAR AIR FLOW WITH HIGH GRADE HEPA FILTRATION. FELCON FUMIGATION CHAMBERS ARE USED IN THE PHARMACEUTICAL, MEDICAL AND RESEARCH AREAS OF THE INDUSTRY.
LAMINAR AIR FLOW ENVIRONMENTS

FELCON LAMINAR AIR FLOW UNITS ARE USED THROUGHOUT THE INDUSTRY. FELCON UNITS OFFER A COMBINATION OF HIGHLY FILTERED AIR, LAMINAR AIR FLOW AND AIRFLOW PATTERNS TO ENABLE OPERATOR PROTECTION, PRODUCT PROTECTION OR ENVIRONMENTAL PROTECTION OR A COMBINATION OF ALL THREE. FELCON LAMINAR AIR FLOW UNITS MAY OFFER EITHER HORIZONTAL OR VERTICAL AIRFLOW PATTERNS. THEY INCORPORATE AS A MINIMUM TWO STAGE FILTRATION WITH “COURSE” PRE FILTRATION AND FINAL ABSOLUTE HEPA OR ULPA FILTRATION 99.997% EFFICIENCY AT 0.5MICRON. THE PERSONNEL AIR SHOWER VERSION IS SIZED TO SUIT AN OPERATOR ENTERING AND/OR EXITING A CLEANROOM FACILITY AND ADDITIONALLY INCORPORATES HIGH VELOCITY AIR FLOW JETS.

VERTICAL LAMINAR FLOW – HORIZONTAL LAMINAR FLOW – UNIDIRECTIONAL AIR FLOW DEVICE – PERSONAL AIR SHOWER – DOWNFLOW

FILTERED AIR STANDARDS CONFORM TO: ISO 14644-1, BS 209 (Current Edition), EU CGMP (Current Edition)
STERILE SERVICES FOR CLEANROOMS AND ACCESSORIES

FELCON CLEANROOM EQUIPMENT AND ACCESSORIES ARE OFTEN USED BY CLEANROOM BUILDERS WHEN BUILDING A NEW FACILITY AS WELL AS CLEANROOM USERS. AS WITH ALL FELCON PRODUCTS THESE ARE ABLE TO BE DESIGNED AND BUILT TO SUIT AN APPLICATION.

- MOBILE SINK AND CUPBOARD ARRAY
- POLYPROPELENE CUPBOARD WITH CLEAR DOORS
- MOBILE POLYPROPELENE CUPBOARD
- RAPID EXIT PANEL
- STEP OVER BARRIER WITH SWIVEL SEAT AND CLEAN GARMENT STORAGE SHELVES
- DOCUMENT PASS THROUGH
THE FELCON DUCTLESS FUME CUPBOARD PROVIDES OPERATOR PROTECTION WITHOUT THE NEED FOR SUCH DUCTWORK AND FANS. INSTEAD IT INCORPORATES ITS OWN FAN AND FILTRATION SYSTEM UTILISING ACTIVATED CARBON FILTERS AS ITS PRIMARY FILTRATION MEDIUM. THE FILTERED AIR, WHICH IS ALSO FILTERED FOR PARTICULATE IS THEN ROUTED BACK INTO THE ROOM OR LABORATORY IN WHICH THE UNIT STANDS.

FELCON DUCTED FUME CUPBOARDS PROVIDE A SAFE ALTERNATIVE TO CONVENTIONAL FUME HOODS IN MANY APPLICATIONS, WITHOUT THE ADDITIONAL COST OF EXTRACTION DUCTWORK AND FANS. IN ADDITION, THE RECIRCULATORY CHARACTERISTICS OF THE AIR FLOW AVOID THE COST OF REHEATING SUPPLY AIR BACK INTO THE LABORATORY, WHICH IS VERY IMPORTANT WHEN DESIGNING FACILITIES FOR ON-GOING RUNNING COSTS. FURTHERMORE, EXTERNAL ENVIRONMENTAL PROTECTION IS AFFORDED SINCE CONTAMINATED AIR IS NOT BEING PUMPED INTO THE ENVIRONMENT.

DUCTED FUME CABINET AVAILABLE IN ALL POLYPROPYLENE (ACID BASED) OR ALL STAINLESS STEEL (SOLVENT BASED) WITH BYPASS AIR FLOW CHARACTERISTICS

BENCH MOUNTED DUCTLESS FUME CUPBOARD WITH OPTIONAL PARTICULATE (HEPA) AND CARBON FILTRATION

STANDARDS TYPICALLY CONFORM TO: BS7258 and DIN EN 14175-7
HEIGHT ADJUSTABLE SINKS

FELCON MANUFACTURE HEIGHT ADJUSTABLE HTM64 COMPLIANT SINGLE OR MULTIPLE SINK UNITS FOR MANUAL CLEANING OF BOTH INSTRUMENTS AND SCOPES. BESPOKE STAINLESS STEEL HEIGHT ADJUSTABLE SINKS ARE DESIGNED AND MANUFACTURED IN OUR FACTORY TO SUIT SPECIFIC APPLICATIONS.

ENDOSCOPE CLEANING STATION WITH PUSH BUTTON HEIGHT ADJUSTMENT

OPTIONAL WASHING SPRAY GUNS, STAINLESS STEEL CLEANER AND AUTOMATIC DOSING SYSTEM CAN ALSO BE SUPPLIED
MANAGING DIRECTOR: IAN MUTTON

PERSONNEL: 31

FACTORY FOOTPRINT: 13,500SQ FT PLUS MEZZANINE

FELCON BANKERS: BANK OF SCOTLAND, 33 OLD BROAD STREET, LONDON, BX2 1LB

VAT NO. 692 669 479

CO. REG NO. 03205966

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<td>FELCON Limited</td>
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<td>+44 (0)1273 513 434</td>
<td>+44 (0)1273 512 695</td>
<td><a href="mailto:sales@felcon.co.uk">sales@felcon.co.uk</a></td>
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