




Universal Medicap Ltd.
Solutions for Pharma Parenteral Packaging


Universal ISO - MED
Gamma Irradiation Facility for Sterilization &
Decontamination of Agro, Food, Biotech and
Healthcare Products


UML Biomed Pvt. Ltd.

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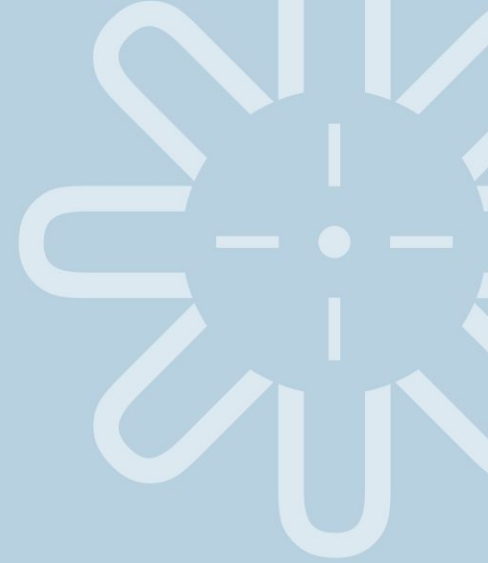
STOPPERS



GAMMA STERILIZATION



BIOMEDIA



The Universal Group of Companies has interests in Pharma Parenteral Packaging, Gamma Irradiation Plant for Sterilization and Decontamination and Biomedica for Pharmaceutical Industry.

UNIVERSAL MEDICAP LIMITED



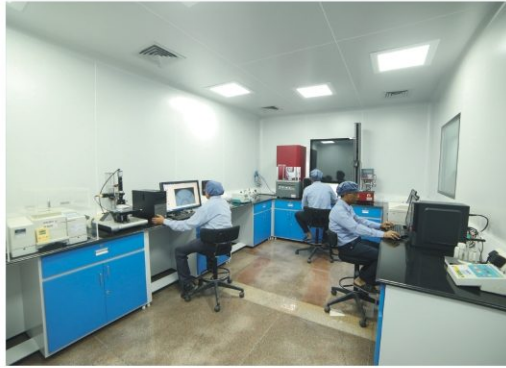
PROFILE ●●●

The flagship company, Universal Medicap Limited (UML), caters to Indian and global pharmaceutical and healthcare companies with products and services that protect the effective life of drugs and product dispensing. UML aims to be amongst the world's premier providers of rubber stoppers and medical device components for parenterally administered medicines, keeping innovation, technology and quality service as its core values. Established in 1990, today UML is a leading primary packaging solutions company for medical and pharmaceutical applications, providing extraordinary state-of-the-art manufacturing and streamlined customer support as per international standards. Working with the values of Respect for the Individual, Teamwork, Customer Focus, Commitment to Quality, Ethical Behaviour and Environmental Consciousness, the Company finds presence across the globe with over 250 reputed customers across the world.



QUALITY ●●●

UML provides quality stoppers as per major International Pharmacopoeia and ISO standards. UML is committed to highest level of operational excellence in all spheres. We invest time, energy and resources to build and consolidate a Quality Assurance mechanism backed by update equipment, qualified manpower and backward traceability systems. Our products meet the discerning requirements of diverse clients. UML has strategically aligned for an R&D initiative with DDIT University, Nadiad, which has state-of-the-art equipment for surface science and nanotechnology, so as to enhance capabilities of physical, chemical, and analytical testing.



INFRASTRUCTURE AND FACILITIES ●●●

UML's state-of-the-art manufacturing unit in Rania near Vadodara, Gujarat, comprises a fully-equipped latest tool room, a high-tech CAD-CAM centre and a full-fledged mould design and development unit. UML offers in-house Gamma Irradiation Sterilization facility, making UML a comprehensive one location provider for all types and treatments for rubber stoppers and medical device components.





CUSTOMER SERVICE ●●●

UML is an ISO 9001:2015 Company that is renowned for its consistent quality and dependable service. UML has developed a new formulation for no coring in rubber stopper that can reduce complaints drastically. Creativity and Innovation are at the heart of UML's core values. Collaborative efforts with customers have led to applications development of novel rubber formulations and products like rubber closures of less than 0.1% w/w residual moisture content, silicone rubber coated stoppers and fluoro-laminated stopper (inert coating) for critical applications.

PRODUCT RANGE



STOPPERS ●●●

- Infusion
- Serum
- SVP & LVP
- Lyophilization
- Diagnostics
- Blood Collection Tubes



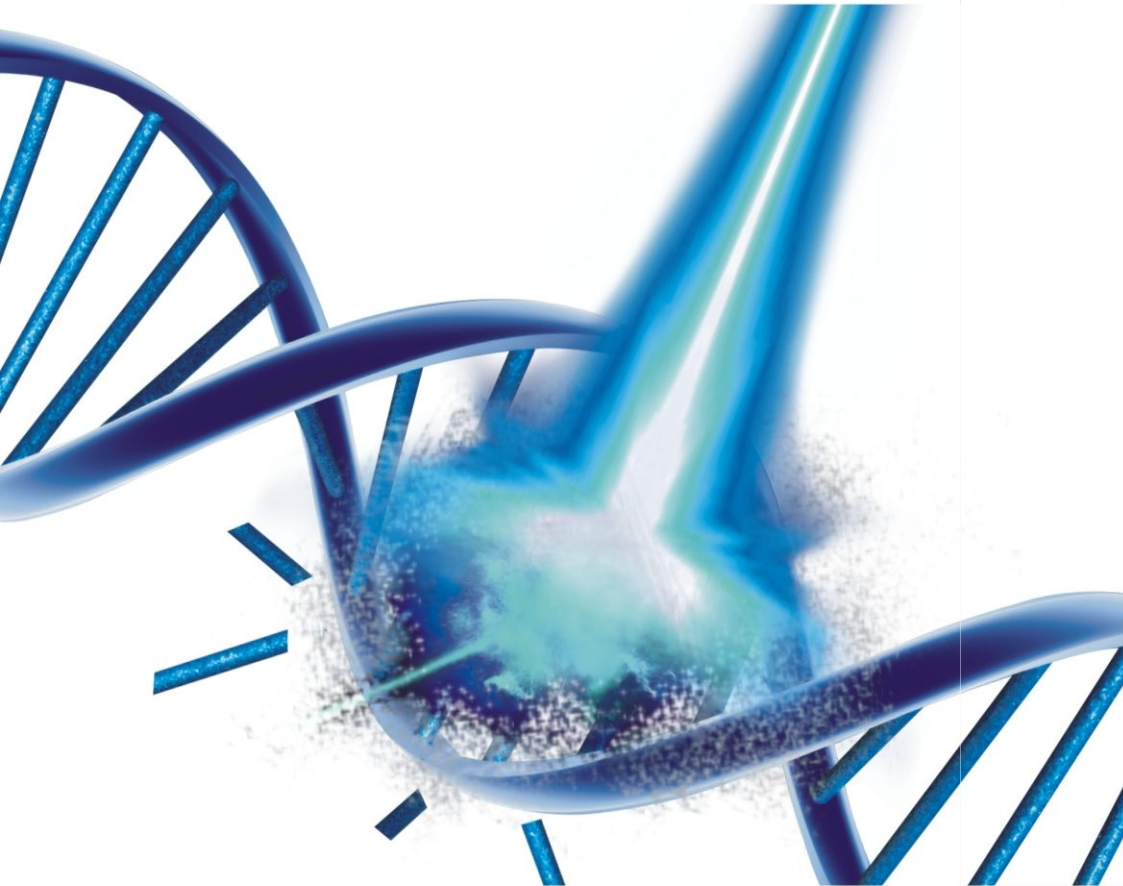
PRODUCTS AVAILABLE WITH ●●●

- Extractable Data
- Low Residual Moisture
- Type III US-DMF
- No Coring

ALL PRODUCTS ALSO AVAILABLE AS
RFS (READY FOR STERILIZATION) AND RFU (READY FOR USE)
WITH "+" QUALITY WITH LOW SUBVISIBLE PARTICLE LOAD



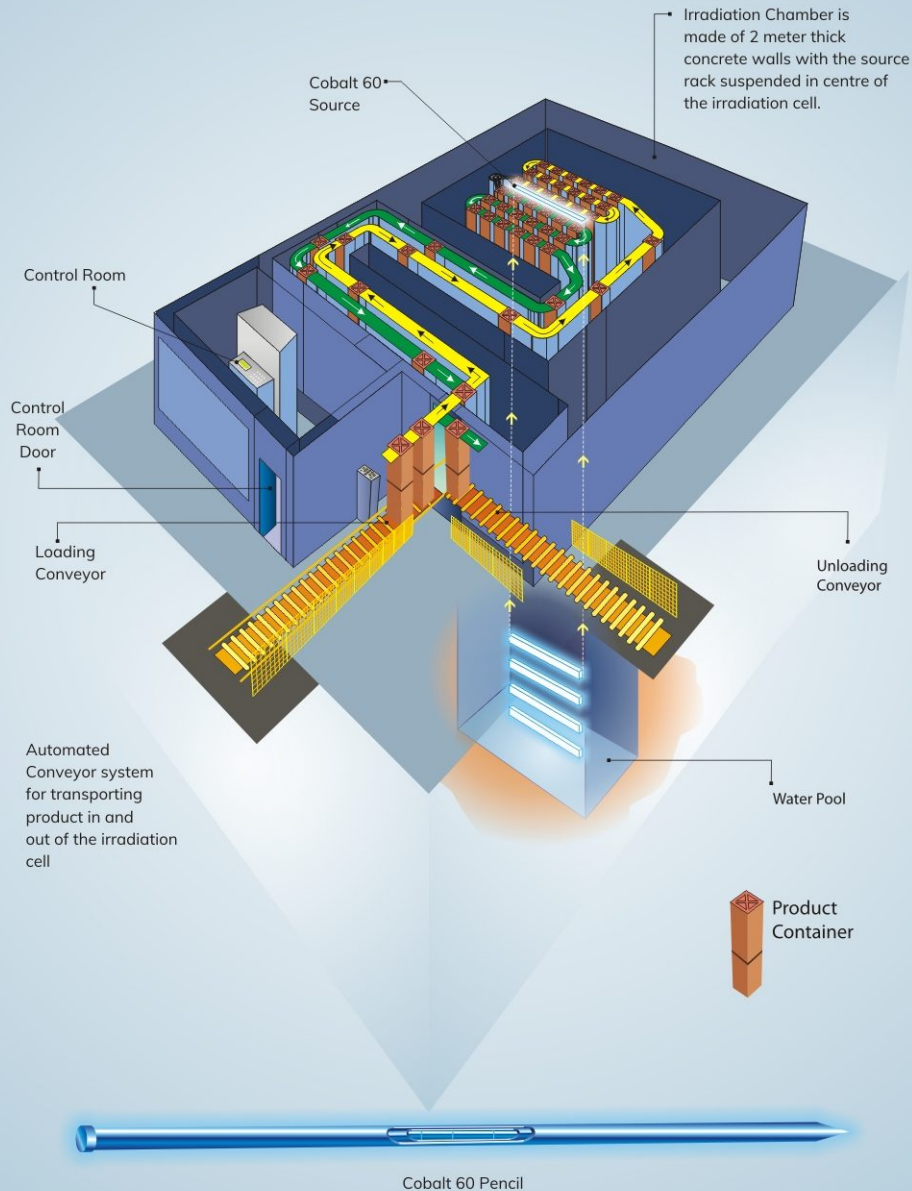
UNIVERSAL ISO-MED



UNIVERSAL ISO-MED is the first Gamma Irradiation plant set up in Gujarat, making Universal Medicap Limited the very first Pharmaceutical Stopper Manufacturing Company to have an in-house Gamma Irradiation Sterilization facility, for healthcare, agricultural and other industrial products.

We provide Gamma Irradiation services for

- Pharma ingredients such as APIs or Bulk Actives
- Pharma packaging such as rubber stoppers, ointment tubes, powder bottles, aluminium tubes, laminated tubes etc.
- Pharma auxiliaries such as eye droppers, injection syringe, surgical tools etc.

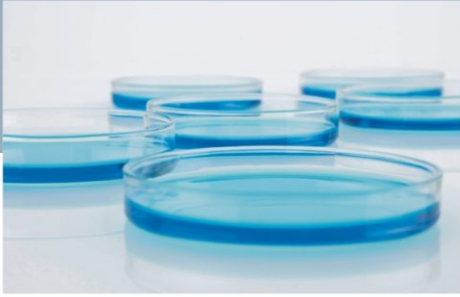


The facility, along with providing Ready To Use 'Sterile' rubber packaging materials to the Pharma Industry, also offers services of Sterilization of healthcare and other industrial products and Microbial Decontamination of food products.

Advantages of Sterilization by Gamma Irradiation

- As powerful gamma rays penetrate right through the package and the product, products of any shape can be sterilized
- It is a room temperature, non-additive process; hence, heat sensitive plastic medical devices and pharmaceutical products can be safely sterilized
- Products can be sterilized in final shipping packaging
- Flexibility in packaging, as the products can be packed individually in sealed bags and sterilized in the fully packed form
- Since sterilization is effected after final packaging, product sterility is retained indefinitely, provided the package is intact
- Irradiation Sterilization enlarges the market for ready to use pre - packaged products
- It is a highly eco-friendly process and does not leave harmful residues
- The process is safe for workers as control of a single parameter is required
- No aseptic handling is required since sterilization is performed on the final packing of the product
- It does not require any quarantine and products can be used instantly





Ideal for Packaging Material, API, Excipients, Laboratory Animal Feed & Medical Devices

List of the products covered under Drugs and Cosmetic Act Rules, 1945 and are cleared by Food and Drug Administration for routine sterilization for use in the country and for export purposes is as follows:

- Absorbent Cotton Wool and Absorbent Gauze Products
- Bandages - Crape, Cotton crape, Gauze
- Dressings- Finger dressings, First field dressings, Paraffin gauze dressings, Shell dressings
- Kits - Maternity/Dai, Minor surgery, Vasectomy
- Sutures i.e. With or without needles (Absorbable / Non-absorbable) Catgut, Linen, Polyester and Silk
- Hemostate Medical Devices- Absorbable gelatin sponge, Perfusion sets, Hypodermic syringes and needles, Intrauterine contraceptive devices (IUCD)
- Pharmaceuticals, Powders and Others- Debrisan, Neomycin sulphate powder, Prickly heat powder (containing boric and salicylic acid), Fluorescein sodium strips, Catalin tablets
- Ophthalmic Ointments in Paraffin Base

- In Collapsible Aluminum Tubes- Atropine Sulphate, Chloramphenicol, Chlorotetracycline, Gentamycin sulphate, Neosporin (Neomycin sulphate, Polymixin and Bacitracin), Tetracycline, etc.
- In soft Gelatin Capsule – Chloramphenicol
- Skin Ointments in Polyethylene Glycol Base - Neomycin sulphate Hydro-cortisone acetate, Alpha chymotrypsin; Cosmetics - Artificial eyelash, Eyebrow pencil, Face powder, Kajal, Lipstick, Talcum Powder
- Veterinary Products - Quinapyramine chloride and sulphate
- Ayurvedic Products and Raw Materials
- Special Products (mainly for export) - Belladonna dry extract, Ergot powder, Papain, Rawlfia serpentina

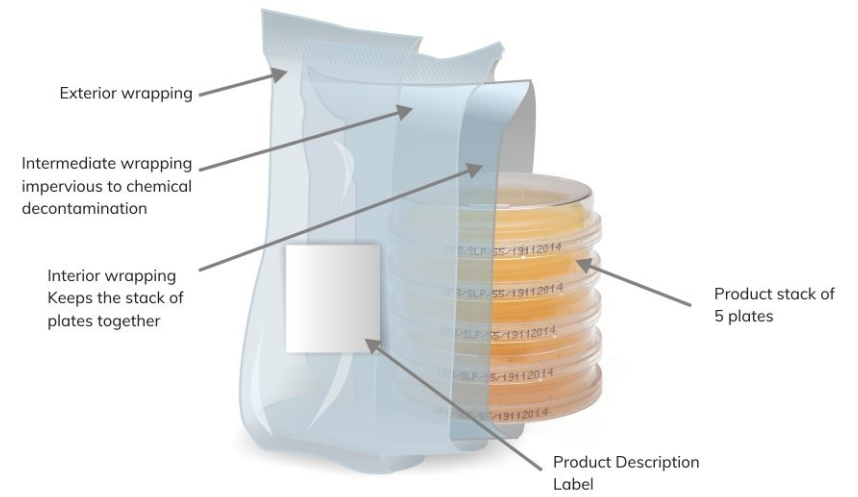
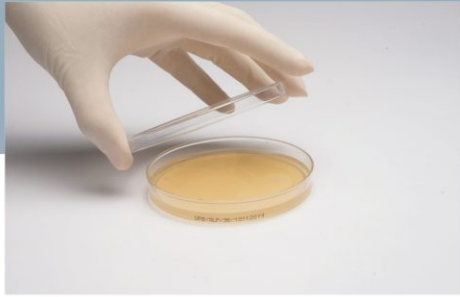




UML Biomedia is in the high tech area of biomedica for monitoring and control of environments. It has been incorporated to manufacture perfectly prepared plates for Identification, Isolation and Detection of all types of bacteria, yeast and fungi. This facility to manufacture biomedica plates is maintained as per C-GMP standards.

Preparation of microbiology media plates in house is a time consuming and error prone process. You require qualified and trained microbiologists, along with stringent processes, to guarantee the Consistency, Quality, Recovery of Stressed Organisms at critical points, Quantitative Performance, Physical Appearance and Stability of Media.

UML Biomedia offers you the excellent solution for testing of Pharmaceutical Critical Environment Monitoring, Surface Monitoring, Isolators and Regular GPT of Products.



PRODUCT SIZES AND PACKAGING

UML Perfect Biomedica prepared plates are available in all sizes i.e. 55mm (contact plates) and 90mm (settle plates) for all the regular selective & non – selective media as per application in different segments like Pharma, Food & Beverages, R & D units, Hospitals and Clinics. We also make customized media as per user's requirement and application. Product name, expiry date and lot number is imprinted on each pack for safe and easy product identification and shelf life monitoring. Our "Triple Wrapped Gamma Irradiated" media is specifically designed for Clean Rooms and Isolators. Intermediate wrapping that is impervious to chemical decontamination (H₂O₂) is included.

UNIQUE PRODUCT FEATURES

- 55 mm and 90 mm diameter plates
- Available for all selective and nonselective media as per current industrial application
- Each individual plate is a gamma sterilized polystyrene plate
- Gamma irradiated triple wrapped packing

- High quality intermediate packaging for reducing contamination
- Manufacturing as per latest standard technology in classified area, as per C-GMP norms
- Tested as per pharmacopeial and clinical quality standards
- Large fill volume to increase sampling time
- Economical as per Indian market
- Less lead period due to network around metro cities
- CoA supplied with each batch

