KALYANI

KALYANI MEDTECH

Precision Manufacturing.

From concept to commercialization.

CONTRACT MANUFACTURING FOR A HEALTHIER TOMORROW

High-precision components and sub-assemblies for orthopedic, dental, surgical and medical equipment applications.



CAPABILITIES THAT WE CAN DELIVER.

A KALYANI GROUP COMPANY

OUR CAPABILITIES

About Kalyani Medtech

Kalyani Medtech is a medical contract manufacturing partner serving dental, orthopaedic, surgical, and medical equipment applications. We bring together engineering expertise, advanced manufacturing technologies, and material know-how to develop high-precision components, sub-assemblies, and customised solutions.

From concept and prototyping to tooling, production, inspection and assembly, our integrated capabilities enable customers to work with one manufacturing partner across the product lifecycle. Backed by the engineering heritage of the Kalyani Group, we combine technology, precision and manufacturing depth to turn complex medical requirements into production-ready solutions. Our plants are ISO 13485 certified, FDA 21 CFR Part 820, and EU MDR compliant.

Built for the Devices Behind Better Care.

High-precision components and sub-assemblies for a wide range of medical applications.

Dental Components

- Dental implants
- Abutments & Gingival formers
- Brackets and other precision dental components



Orthopedic Components

- Large Joint replacement components
- Spine, Trauma, Shoulder, ankle and other orthopedic systems, Implants & Instruments.



Surgical Instruments & Assemblies

- Precision surgical instruments
- Custom designs Instruments for orthopedic, dental, laparoscopic, endoscopic and minimally invasive applications



Medical Equipment & Hospital Machine Components

- Components for diagnostic and therapeutic medical equipment
- Structural and functional sub-assemblies
- Custom components



DIFFERENTIATOR

Up to 40% reduction in Total Cost of Ownership (TCO)

Integrated capabilities under one roof

Rapid Product Development in 55 days. From concept to prototype (Forging/3D Printing / Machining)

Whether it's an implant component, a surgical instrument part or a precision component inside hospital equipment,

we work with you to align manufacturing processes with your application, material, quality and performance requirements.

Our Commitment

- Quality & Reliability
- Scalable
- Compliance Ready
- Customer Focused

OUR CAPABILITIES

One Manufacturing Partner. Multiple Technologies.

Technology-agnostic manufacturing under one roof to deliver the right solution for your application.



Tool Manufacturing & Assembly
In-house tooling and value-added assemblies.



Forging
High-strength, complex geometries.



Vacuum Investment Casting
Excellent accuracy and surface finish.



Metal Injection Molding (MIM)
Complex, miniature high-precision parts.



Sheet Metal Stamping
Precision and repeatability for thin-walled components.



3D Printing
Rapid prototyping and low-volume production.



Precision Machining
Tight tolerances and complex features.



Specialized Heat Treatment
Enhanced mechanical and functional properties.



Controlled Environment Manufacturing
Manufacturing in controlled environments, including ISO Class 7 and Class 8 cleanroom capabilities where applicable.

A PARTNER THROUGH EVERY STAGE

- Design for Manufacturability (DFM)
- Material expertise
- Traceability and documentation

Advanced Inspection & Testing Capabilities

- Coordinate Measuring Machine (CMM)
- Optical 2D Profilometer
- Contour Tracer
- Profile Projector
- Universal Testing Machine
- Hardness Tester
- Surface Roughness Tester
- Roundedness Analyzer
- Densitometer
- Microstructure Analyzer

FROM CONCEPT TO PRODUCTION

You Design it; We manufacture it. Production-Ready Part.

A structured and collaborative approach to take your idea from concept to scale with speed, quality and confidence.

Design & Development
Reverse engineering, DFM support, engineering collaboration and material expertise.

Prototyping
Prototype development, evaluation and testing.

Tooling
Tooling design and development capabilities.

Process Validation
Process validation and supporting documentation.

Production
Scalable manufacturing with consistent quality.

Inspection & Testing
Inspection, testing, and documented results.

Finishing & Assembly
Surface finishing, sub-assemblies and value-added services.

Packaging & Sterilization Support
Clean packaging and sterilization support, as applicable to the project.



Your Partner in Precision Medical Manufacturing

From innovative components to better patient outcomes.



PRECISION FOR BETTER CARE

Contact Us

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