

KAMAL MEDTECH FACTSHEET

INTERVENTIONAL CARDIOLOGY DEVICES AND SOLUTIONS

The World's Best Medical Devices; Made in India

Introduction

A wholly owned subsidiary of Kamal Encon Industries Limited{ www.kamalencon.com} Kamal Medtech {www.kamalmedtech.com} are pioneers, specialists and experts in design, development, manufacturing and supply of internationally benchmarked precision driven devices for dental implantology and interventional cardiology. World-class quality, exacting R&D standards, agility and adaptability define Kamal Medtech products.

Designed and manufactured to exacting international standards, constantly evolving, our cardiological devices cater to a wide range of practitioner and patient needs. Each device is designed around the end user's requirement, comfort, and well-being. Seamless product performance, endurance and safety are hallmarks.

Credentials

- CE 1434 and ISO 13485:2016 certified
- The sequential ring design is a registered Kamal Medtech patent.
- Stents with least coating thickness (65 micron strut, 03 micron drug and polymer).
- Unidirectional stents cause no/minimal laceration.
- Stents configured with cobalt chromium L 605
- Best bio-compatibility metrics in industry.
- Exceptional flexibility, ultra-thin strut thickness guarantee versatility, agility, comfort.
- 50,000 sq ft state-of-the art facility, world-class R&D recognized by DSIR
- Tornos Sliding Head machines
- Precise laser system for stent cutting
- 5 stage ultrasonic cleaning machine
- Customised drug coating machine
- Heating furnace with Ultrahigh Vacuum Pump
- Automized EP machine
- Pneumatic crimped head with authosheathing option
- HPLC System for drug related studies
- Growing global market-base: Sri Lanka, Egypt, Malaysia, UAE, Indonesia

Products & Solutions

- **Polaris PTCA Non Compliant Balloon Dilation Catheter** designed in US, manufactured exclusively in India by Kamal Medtech is an unrivalled device for coronary intervention for PTCA interventions. It offers unparalleled crossability, pushability, trackability. The proprietary hypotube ensures smooth navigation at the target lesion.

- **Everoshine:** the **Everoshine Everolimus Eluting Coronary Stent System** incorporates a unique design. Proven efficiency of the Everolimus drug and bio-resorbable polymers led to the creation of Everoshine. The long-term efficacy of Everoshine is acknowledged fact.
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- **Stentoflex:** the **Stentoflex Sirolimus Eluting Coronary Stent System** has an innovative design with a demonstrated blend of anti-proliferative drug Sirolimus. It has bio-degradable polymers which lead to excellent immediate and long-term performance. The drug release kinetics of Stentoflex are widely acknowledged.

Everoshine and Stentoflex offer several advantages. Optimum cell size, shape and presence of longitudinal 'S' connectors reduces stress during expansion. This, in turn, prevents edge flaring and knife-edge focal injury during expansion. Uniform designs enable consistent scaffolding and support throughout the entire length of the stent without sacrificing flexibility. This is capped by a perfect match between stents and the balloon. The "S" connectors' ideal position creates zero foreshortening with relatively low stress concentration longitudinally. Mid cells allow side branch access and a homogeneous stress distribution upon expansion. There are further inherent advantages to Kamal Medtech stents: their optimal cell size allows for uniform vessel wall coverage while ensuring no plaque enters the stent. Increase in stent angles upon expansion provides a perfect locking mechanism which optimizes radial strength and concentrates force in the radial direction.

Kamal Medtech

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