



G O B B E T
INDUSTRY

TC Instruments



Finest Quality of Instruments
at
Gobbet Industry



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www.gobbetin.com



Season Shop, Lixouri, Kefallinia Greece.







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Introduction

At **Gobbet Industry**, we take pride in being one of the top surgical, dental, manicure, and veterinary instrument manufacturers in Sialkot – Pakistan since 1995. We have built our reputation by providing superior-quality Surgical, Dental, Manicure, and Veterinary instruments that meet the needs of medical professionals and surgical equipment suppliers worldwide. We are dedicated to producing high-quality instruments with precision and excellence, making us a top choice for those who demand the best.

Our commitment to quality starts with the materials we use in our manufacturing process. We only use the finest German stainless steel, which ensures that each instrument is strong, durable, and reliable. Our skilled craftsmen take pride in their work and use their expert precision to create instruments that meet the highest standards of quality.

Our comprehensive product range includes General Instruments, Dental Instruments, Diathermy / Bipolar Instruments, ENT Instruments, Gynecology Instruments, Intestinal Instruments, Neuro Instruments, Ophthalmic / Micro Instruments, Orthopedic Instruments, Plastic / Oral Instruments, Postmortem / Autopsy Instruments, proctology Instruments, Thoracic Instruments, Urology Instruments and much more. We also offer custom surgical instruments to meet the specific needs of our clients, ensuring they always have access to the tools they need.

Our commitment to innovation is what sets us apart from other surgical instrument companies. We constantly research new materials and techniques to improve our products and remain at the forefront of the industry. Our engineers and designers work closely with medical professionals to understand their needs and develop instruments that meet their specific requirements.

At **Gobbet Industry**, we are dedicated to providing exceptional customer service to our clients. Our knowledgeable staff is always available to answer questions, provide technical support, and assist with any issues that may arise. We take pride in building long-lasting relationships with our clients and providing them with the support and resources they need to succeed.

In addition to our commitment to quality and innovation, we are also committed to sustain ability. We believe it is our responsibility to minimize our impact on the environment and promote sustainable practices wherever possible. We use eco-friendly materials whenever possible and implement sustainable practices throughout our manufacturing process.

As one of the top surgical instrument manufacturers in Pakistan, **Gobbet Industry** is dedicated to providing quality products and exceptional service to our clients. We use only the finest materials, employ skilled craftsmen, and continually innovate to stay at the forefront of the industry. With our commitment to sustain ability and exceptional customer service, we are a trusted partner for medical surgical equipment suppliers and medical professionals worldwide. Browse our selection of medical surgical tools today and experience the difference.

Thanks and Regards,
Mr. Bilal Hussain



Process of Instruments

Steel the quality of steel is very important in the production of quality instruments. The best you select the best you produce. In order to ensure the finest of quality steel, we have imported or best quality local steel as required by valued customers.

Forging is a process of cutting shaped raw instruments with the help of dyes and hammers. Here, the skilled hands give life to the metal and give it the rudimentary shape that will go through series of complicated processes.

Forging Inspection at this stage, forged tools are checked to ensure no piece contains any cracks or is reshaped beyond acceptable limits. Checking the quality of raw instruments for: - a. Shape fault b. Broken

Machining in this process forging is cut or shaped by machines i.e. cutting sharp edges and raw material in the shape. Here instruments are given their shape through grinding and hammers. For this purpose, extremely skilled labor is required and this process is carried out by instrument specialists only.

Milling drilling of holes in the instruments where required for screws. Different kinds of screwing machines are used and instruments are made pairs here. Instruments with even the slightest difference in whole positions will suffer otherwise.

Inspection at this stage, all the instruments is inspected not only for machining and milling, but for every process they've been through. It's the stage where only best instruments are selected and instruments with tiny holes and manufacturing faults are again sorted out.

Filling at this stage the steel is not too hard so filling is used to shape the instruments in the exact shape they are required to be. The workers match the shape exactly with the samples provided at this stage. So the instruments get most of their shapes at this stage.

Filling Inspection after filling the inspection is made and measurements and shapes are checked according to samples.

Binding and Temper at this step the instruments are bound in groups of 12 pieces. Then they put them in temper machine, which is filled with a particular material. Here instruments are tempered and its ensured that every instrument get equal heat and treatment so a consistent quality would achieve.

Snuffing Fitting for scissors and forceps they are in two pieces so they are joined in this process with screw. Forceps (Tweezers) are joined before and their joint is leveled with a machine by burning the raw material on the joint. At the same stage, instruments are filled to eliminate welding suspensions.

Plant or Heat Treatment in this process the instruments are dipped in a material by hanging for five minutes to harden the material.

Polishing instruments is polished at this stage. Till this point at manufacturing stage, all the necessary shaping is done. Polishing makes every millimeter of instrument clear and any instrument with hidden defects are revealed could be sorted out.

Gobbet Industry Inspection 2% of each lot of instruments is checked by executives and then goes the further processing. In inspection they see each and every part and defective parts are marked with red marker and if rejected send to polishing again.



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Ultrasonic cleaning in this process the instruments are dipped in two materials for cleaning the polish raw thing on it. One min. for first material and then for half min. for other material. Ultrasonic cleaning cleans any polishing material stuck and leaves the instrument crystal clear.

Lubrication all the instruments involving screws are lubricated at this step. Lubricating the instruments moveable portions facilitates the instrument movement.

Tuck checking In this process workers check the cuts and all other things just by viewing the instruments individually.

Etching putting each instrument on stamp pad and burning process to put stamp on each instrument. This stamping procedure is done through electronic etching machines that make the stamp reliable and even sustainable under high boiling temperatures when instruments are sterilized.

Cleaning and Checking instruments are cleaned and checked again one by one. Again it's the checking for operation, measurements, polish and usability.

Gobbet Internationally Inspection 4 % of the instruments is inspection by SSE Directors. Samples for inspection are taken randomly and are observed to every bit of detail. Even the slightest difference from acceptable standards could result in rejection of whole lot.

Packing in boxes each contains 100 pieces. 10 Boxes in an each Carton. Here instruments are packed with respect to sizes and types. Instruments boxes are properly labeled and stored in proper storing environment.

Labeling is put in this process.

Storage by lot and order number



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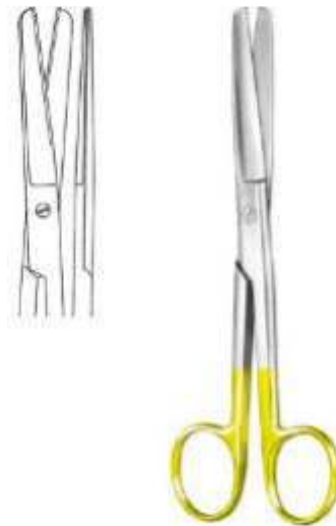
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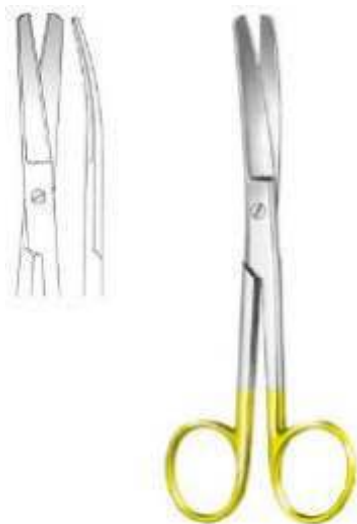
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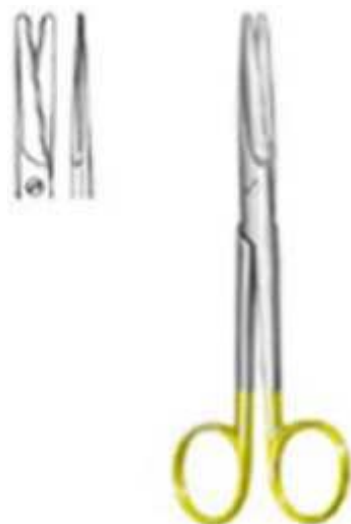
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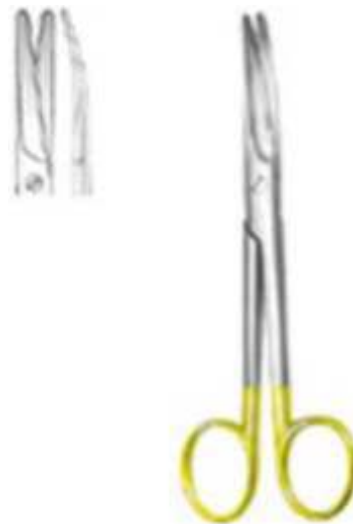
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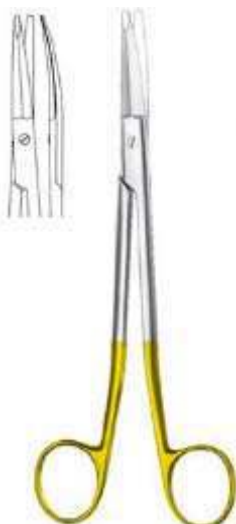
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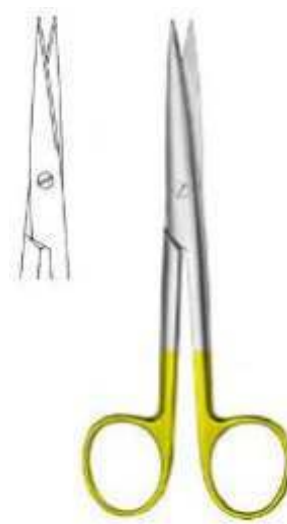
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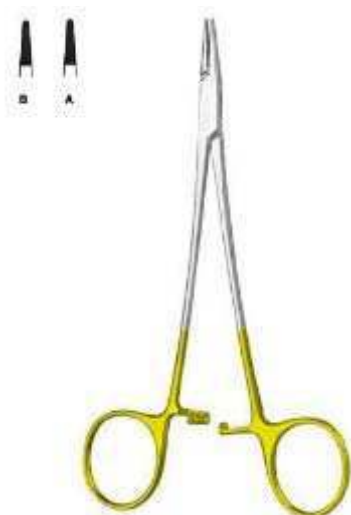
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FlatNosePlier



WireCuttingPlier
GI-TC-4-002
WireCuttingPlier



Plier
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Plier



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