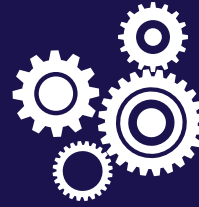




**Pacific
Medical Co**

Manufacturer of Surgical, Dental, Implant and Orthopedic Instruments

Manufacturing Process



History

We've been Serving for the last 30 years by manufacturing, doing whatever we can to be the best for the people who rely on Pacific Medical Co.

We want to be there for Surgical, Dental and orthopedic equipments professionals throughout their entire careers.

Pacific Medical Co serving the local market since 2 decades and started internationally from 2011.

The dentists, hygienists, and specialists who continue to choose Pacific Medical Co for all of their Surgical, Dental and orthopedic instrument needs.

We also rely on Key Opinion Leaders to use our products and help us understand the evolving needs of professionals today.

Pacific Medical Co have keen interest in research and development, technically and customizable output.

Our philosophy is to share our knowledge and experience with our customers and give them all the professional assistance they might need. We at Pacific Medical Co believe a highly qualified staff builds trust in a company. With a constant and steady growth the company. Our qualified staff reduced the communication gap between customer.

About

AIMING THE FUTURE WITH QUALITY AND PROFESSIONALLY

INCORPORATION

Pacific Medical Co is serving humanity for 30 years in the field of Surgical, dental, and orthopedic instruments.

QUALITY MANAGEMENT SYSTEM

Our manufacturing emphasizes quality above all else. Our quality control team starts by ensuring the best available stainless steel making sure that it is properly forged and processed through highly effective quality control.

WORLDWIDE DELIVERY

We Provide different delivery methods as per customer requirements

By Sea
By Air
By Courier

COMMITMENT

Pacific Medical Co believes in the highest moral values and business ethics. Once a contract is made with a customer, we strictly follow up on it in its true spirit.

RESEARCH & DEVELOPMENT

Pacific Medical Co R&D team working hard to provide technically and customizable to surgical, dental, and orthopedic professionals.





Selection of Raw Material

With Grade, Hardness and chemical Composition.

Forging process

With heating, dyes and hammers by our skilled craftsman after forging every instrument inspected.

Machining process

Cutting, shaping and bending.

Milling process

Shaping the working points, Drilling holes, screw.

Grinding process.

Grinding with grind wheel for reducing excessive amount metal and finning the shape (**Extra Coarse**).

Filing process.

Filing with metal fills stick, exact sizing and shape, fining the working points.

Inspection process.

Comparing with master sample or International catalog and expelling faulted instruments.

Temper & Hardness Test

Group of 12 pieces With required spacing entered in temper machine and chemicals then hardness test machine we test the temper.

Annealing process.

After Temper annealing process maintain the hardness for less brokerage.

Grinding process.

Every instruments inside and outside grinded with sand papers grits belts on wheels (Medium Coarse (**100**) Fine Coarse, (**120**) and very fine Coarse (**180,220**).

**Snaffling fitting process.**

Joining the instruments and screwing, sharpening etc.

Plant or Electro Polishing

Dipped in chemical with electric current.

Ultrasonic Cleaning.**Functional setting**

By Skilled person check the working points, sharpness and adjusting.

Inspection process.

Expelling the faulted instruments

Grinding process.

After Extra Coarse, Medium Coarse for final finishing every instrument grinded with (Super Fine **320** and ultra fine **400/600**) before polish or dull.

Polish or Dull

Polish or Dull with wheel and chemical bar, meanwhile some instruments are especially Polish in vibrator machines.

Ultrasonic Cleaning.**Passivation Process**

Passivation with chemicals.

Pre-Clean 105

30-min

70-80C

Citrisurf 2250 (USA) & Passivate 606

45-min

70-80C

Neutralyer N5

30-min

70-80C

Boiling Test

30-min

>100C

**Sand process**

Most of the instruments are sanded inside like Forceps, pliers etc.

Final Polish / buff Or Dull

After sand rest part will be refinished and buffed.

Ultrasonic Cleaning.**Lubrication and Inspection**

Instruments involving screw are lubricated. Lubricating the instruments moveable portions and final inspection like checking for operation, measurement, polish and usability..

Branding process

With special care to avoid the engraving skilled person did this job laser stamping/maring machine.

Cleaning and Packing

Every instrument cleaned one by one and packed in small box with 100/50/25 PCS quantity per box & then packed into big hard box as per requirement.

Shipping



Our Enhanced Services.

- Finest Quality.
- Creative Packaging.
- Foregone Stock of regular items.
- Rust warranty by grade of steel.
- Customized design and pattern.
- Best delivery time. (By Air and by sea).
- Samples for quality check.

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